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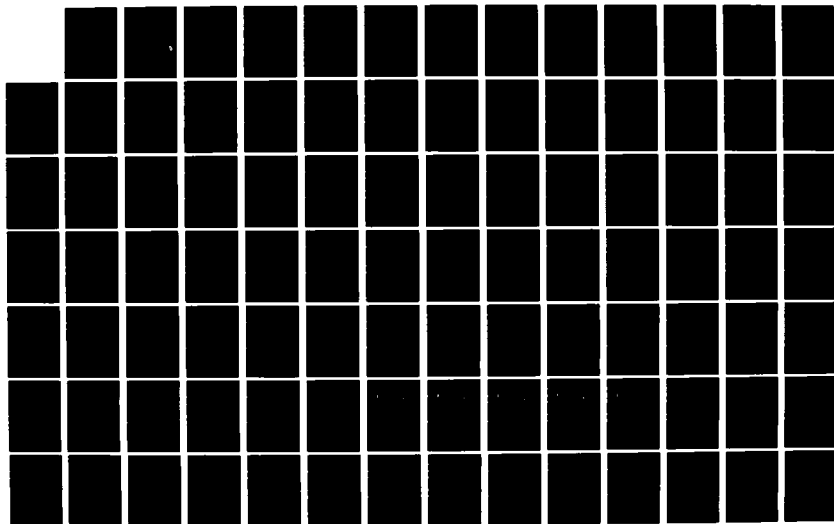
JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS 62B  
CONSTRUCTION EQUIPMENT. (U) DEFENSE LANGUAGE INST  
LACKLAND AFB TX ENGLISH LANGUAGE CENTER. 13 MAR 78

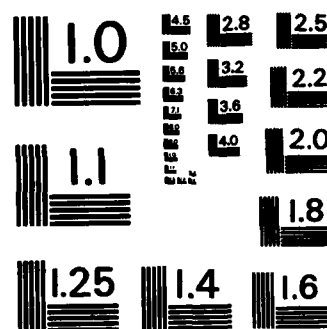
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JOB LANGUAGE PERFORMANCE REQUIREMENTS

FOR 62B

MOS

CONSTRUCTION EQUIPMENT REPAIRER

REFERENCE SOLDIER'S MANUAL DATED

13 March 1978

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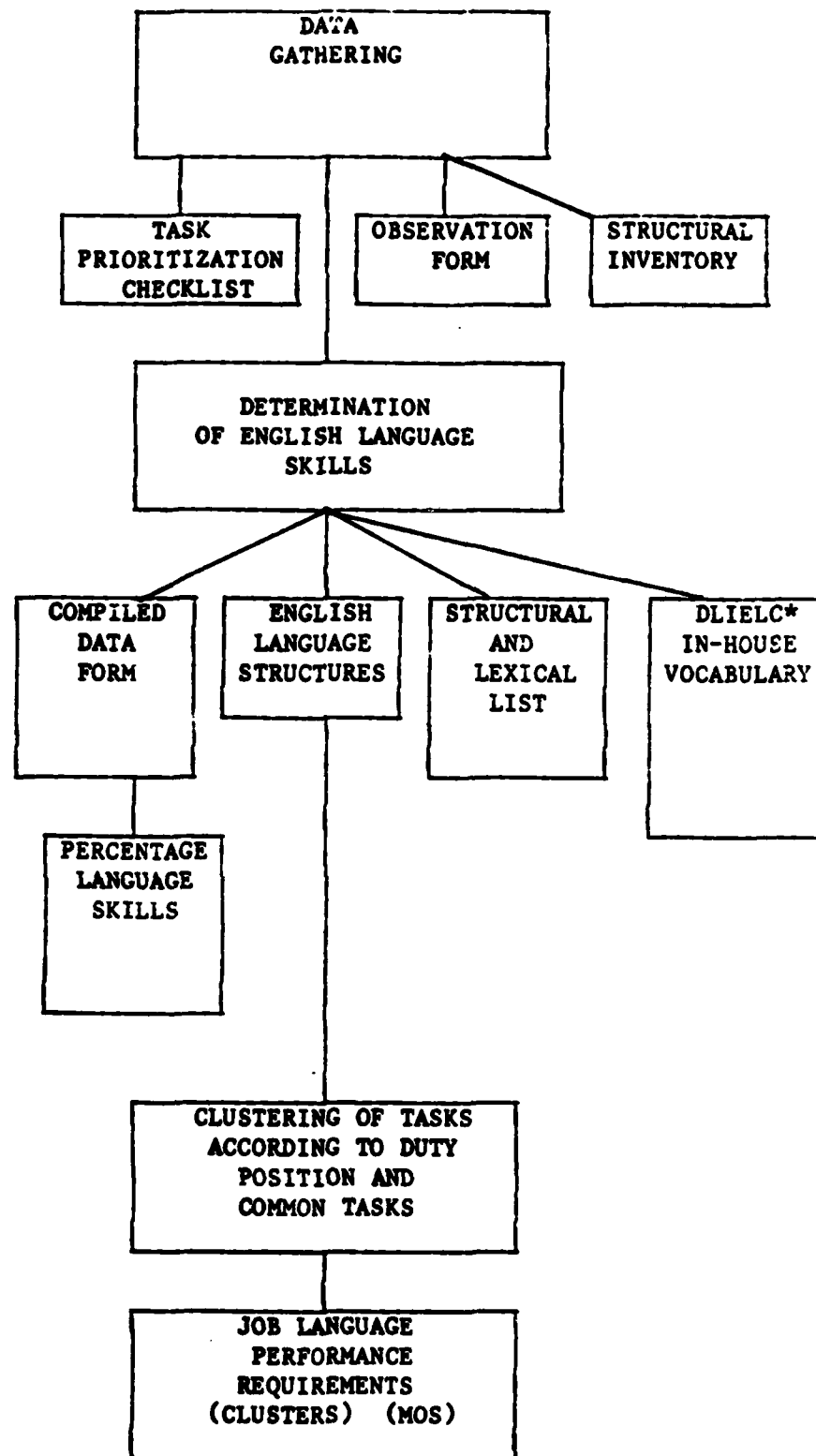


FIGURE 1

\*Defense Language Institute English Language Center



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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
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19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Job Language Performance Requirements (JLPR)      Task Inventory Lexical Analysis      Common Tasks Structural Analysis      Listening English Language Skills      Speaking Task Prioritization Checklist      Reading		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) The Job Language Performance Requirements (JLPR) study was conducted to deter- mine language tasks the soldier must do in studying/performing job tasks. The language skills (listening, reading, writing, speaking) required to learn each Army job task were identified, conditions studied and standards determined. The data that generated the JLPR is identified. ←		

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## PREFACE

### INSTRUCTIONS FOR REVIEW OF JOB LANGUAGE PERFORMANCE REQUIREMENTS

This report is organized in six main sections. Sections I-IV discuss methods, forms and rationale for gathering, organizing and analyzing research data used to develop Job Language Performance Requirements (JLPR). Please look through these sections to get a general understanding of the background underlying the JLPR. Sections V and VI are the major substantive portions of the analysis. They are the results of the analysis and constitute the basis for development of any MOS-oriented English language materials. Section V contains the JLPR by cluster/topic, while Section VI contains the JLPR covering the entire range of clusters/topics.

The appendices, one through eight, contain all the information used to determine the Job Language Performance Requirements. Please write any suggestions or changes directly on the document or attach additional notes, if necessary.

The points covered in the six major sections are supported in greater detail in eight appendices. Below is an overview of these appendices.

Appendix one contains the Task Prioritization Checklist. It was taken to the field to collect the raw data. This form was approved for use by the Department of the Army.

Appendix two contains the Task Inventory Compiled Data Form. It was used to organize data from Unit and AIT respondents.

Appendix three defines the language skills by percentage. This form includes computations of language skills for each task cluster.

Appendix four contains the Observation Form used in the recording of types of listening and speaking skills required, as seen by observers, in the learning and performing of a task. The variety of environmental situations is also included on this form.

Appendix five contains the final list of structural and lexical items found through data gathering and organization.

Appendix six contains the DLIELC in-house vocabulary list. This is a task by task listing of the vocabulary extracted from the Soldier's Manual.

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Appendix seven contains the machine-generated vocabulary for this MOS prepared by the United States Army Training and Doctrine Command (TRADOC), Fort Monroe, Virginia.

Appendix eight contains the list of structural and lexical items requisite to this MOS.

Thank you for your cooperation. It is greatly appreciated.

## SECTION I

### DATA GATHERING

#### INTRODUCTION

This section discusses the procedures and forms in the gathering of data used to determine the Job Language Performance Requirements for this MOS.

## SECTION I: DATA GATHERING

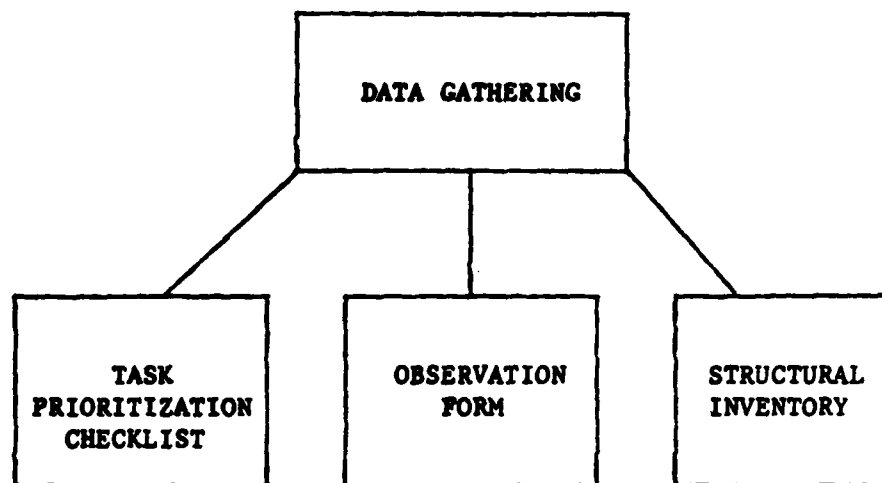


FIGURE 2

In order to establish Job Language Performance Requirements for this MOS the curriculum development specialists at the Defense Language Institute English Language Center (DLIELC) analyzed the current learning and working situations, and individual tasks. The goal was to collect data which would help identify the Job Language Performance Requirements pertinent to this MOS.

To conduct this analysis, training specialists visited the AIT School and Unit cadre. Interviews were conducted using a Task Prioritization Checklist, (Appendix 1). For each task, first-line supervisors answered the following questions:

1. Is the task taught?
2. How is the task taught?
3. Is the task tested?
4. How is the task tested?
5. How important are speaking, listening, reading and writing in learning and performing the task?
6. What are the results of poor performance in performing the task.

Additional data were gathered through use of an Observation Form and an analysis of language structures in the Soldier's Manual for this MOS.

The Observation Form (Appendix 4) was used to record actual observations of the learning situations, populations, tasks, and language.

The lexical and structural analysis was done by a panel of language specialists who first listed all structures found in the Soldier's Manual for this MOS and then all structures, standard and non-standard, noted on the Observation Forms for all vocabulary from the Soldier's Manual. All lists were then combined into an overall lexical and structural inventory.

**SUMMARY/CONCLUSION:**

The tools for data gathering were:

1. The Task Prioritization Checklist (Appendix 1)
2. The Task Inventory Compiled Data Form (Appendix 2)
3. The Observation Form (Appendix 4)
4. A Structural and Lexical Inventory (consisting of rough drafts of all vocabulary and structures in this MOS).

These tools were used to form the data pool from which the Job Language Requirements were determined.

## SECTION II

### DETERMINATION OF ENGLISH LANGUAGE SKILLS

#### INTRODUCTION

This section discusses the organization of the raw data into information used to determine the English language skills pertinent to this MOS.



## SECTION II: DETERMINATION OF ENGLISH LANGUAGE SKILLS

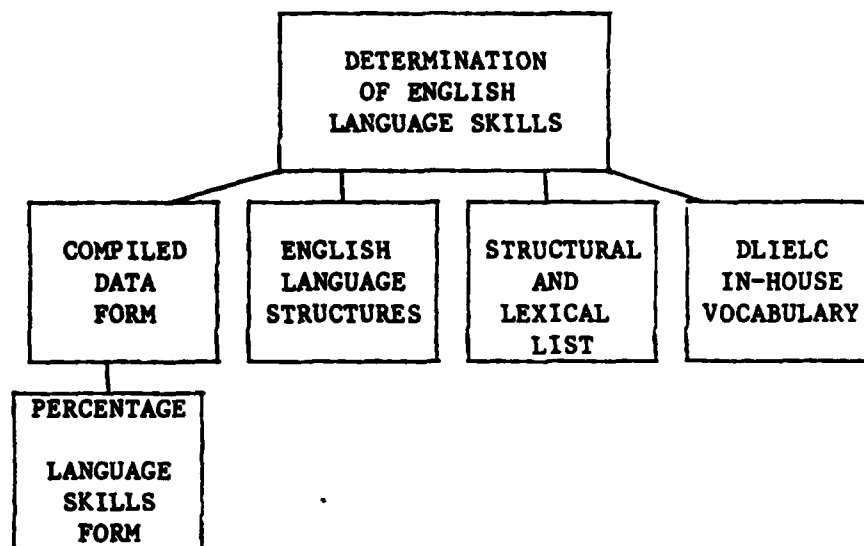


FIGURE 3

The raw data collected as described in Section II above was used to determine the English Language skills which the soldier must learn to learn and perform the task. The Compiled Data Form, Appendix 2, was used to organize the observation and analysis data. Selected information from the Task Prioritization Checklist was recorded directly on this form. Specifically three variables were used to determine the language skills involved. They were:

1. Methods of teaching.
2. Methods of testing.
3. The actual respondents' ratings of the four English language skills.

From each of the three variables the following skills were determined:

VARIABLE	ENGLISH LANGUAGE SKILLS
Methods of Teaching demonstration lecture hands on self-paced	listening, listening, writing listening reading, writing

Methods of Testing performance oral written	listening speaking writing, reading
Rating of English Language Skills listening speaking reading writing	*a response of 2 or 3 on a scale of 1 to 3 was tallied  a response of 1, 2, or 3 on a scale of 1 to 5 was tallied

\*See A1

In order to determine the relations of the various skills in the MOS, data from the three variables were tallied on the Percentage Language Skills Form. An average was then found using the following formula:

$$TR \div TxVxR = \% \text{ of use}$$

T = total number of tasks per cluster

V = language skill variable per cluster\*\*

R = maximum number of respondents in any task in that cluster

TR = total tally of responses per task per skill

% of use = use of the language skill in the task

Percentages found in this MOS were:

Listening	34%
Speaking	28%
Reading	22%
Writing	19%

As shown by the figures, listening is the most important skill in this MOS. However, in particular duty sections, percentages varied. Appendix 3, the Percentage Language Skills Form, shows the actual skill percentages in each duty position.

\*\*See A3

Organization of structural and lexical items was done by comparing a structural and lexical list extracted from the Soldier's Manual with a structural inventory list extracted from ALC (American Language Center) materials through Volume 2400, at the end of which a trainee is normally qualified for Specialized English Technical Terminology training. By comparing the lists redundancies were eliminated, leaving the final list of structural and lexical items indicated by grammatical title in Appendix 5.

#### **SUMMARY/CONCLUSION:**

Organization of the data included the recording of responses on the Task Inventory Compiled Data Form, use of the Percentage Language Skills Form, and the DLIELC in-house structural analysis list. Skills were analyzed by duty section. The actual lexical items in this MOS were grouped and listed task by task. This information was then used to determine the specific Job Language Performance Requirements.

## SECTION III

### CLUSTERING OF COMMON AND DUTY POSITION TASKS

#### INTRODUCTION

Due to the overlapping of certain elements among the various MOS, tasks were clustered in order to prevent duplication of effort for each MOS.

This section contains a listing of the clusters for this MOS.

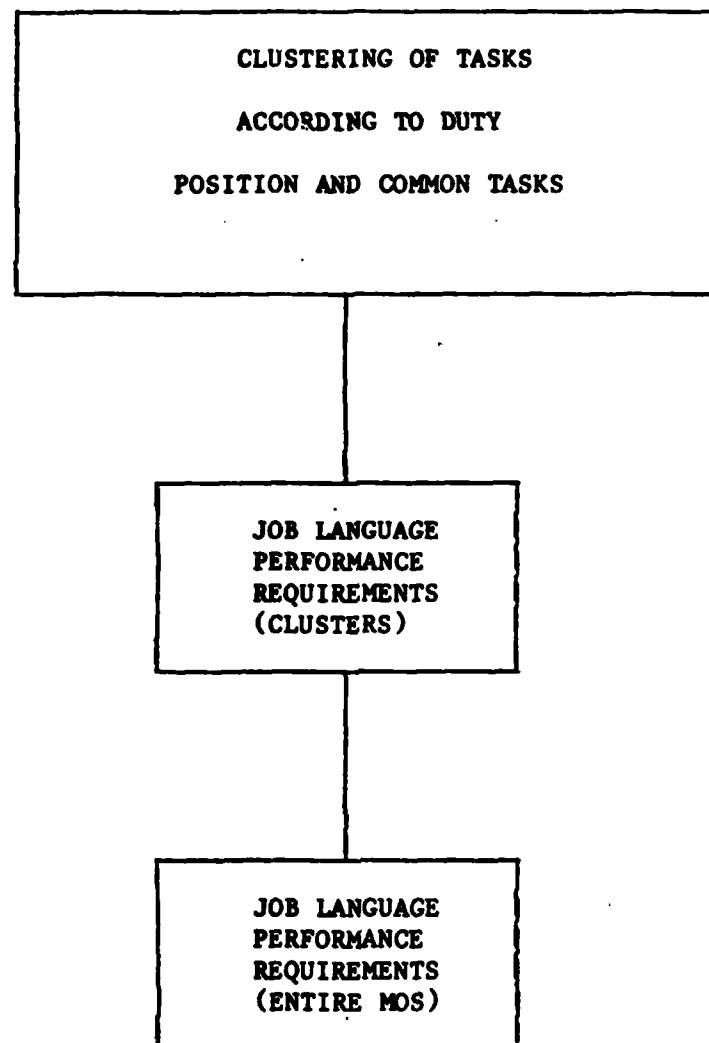


FIGURE 4

### SECTION III: CLUSTERING OF COMMON AND DUTY POSITION TASKS

Clustering was done by using the common and duty position tasks in the Soldier's Manual.

The following clusters are in this MOS:

1. FIRST AID
2. NUCLEAR, BIOLOGICAL AND CHEMICAL OPERATIONS
3. INDIVIDUAL FITNESS
4. BASIC INDIVIDUAL TECHNIQUES
5. CAMOUFLAGE
6. SECURITY AND INTELLIGENCE
7. LAND NAVIGATION
8. M16A1 RIFLE
9. LIGHT ANTITANK WEAPON (LAW)
10. GRENADES
11. ELECTRICAL SYSTEMS
12. FUEL SYSTEM
13. COOLING SYSTEM
14. HYDRAULIC SYSTEM
15. BRAKES
16. POWER TRAINS
17. PNEUMATIC EQUIPMENT
18. ENGINE
19. LUBE AND SERVICE EQUIPMENT
20. STEERING SYSTEM
21. CONSTRUCTION EQUIPMENT OPERATION
22. LUBRICATION SYSTEM
23. DISPENSING AND SERVICE UNIT
24. EXHAUST SYSTEM
25. SUPPORT DUTIES
26. MOBILE ASSAULT BRIDGE

## SECTION IV

### JOB LANGUAGE PERFORMANCE REQUIREMENTS

#### INTRODUCTION

This section discusses the format for the Job Language Performance Requirements.

#### SECTION IV: JOB LANGUAGE PERFORMANCE REQUIREMENTS

The format for the Job Language Performance Requirements is:

TASK:  
CONDITION:  
STANDARD:

##### A. TASK

The Job Language Performance Requirements state the language tasks the soldier must do in studying/performing specific MOS job tasks. A task addressing language would be one of reading, listening, speaking or writing. Job tasks, as seen in the Soldier's Manual, are those which pertain to the soldiers duties. To write these as language tasks required the following explanations of what the soldier would speak, read, listen and write. Below are the kinds of explanations that had to be made in this MOS.

##### SPEAKING

Produces oral utterances to report/inform/explain/elicite response/respond.

Analysis of this MOS indicates verbal reports entailing those activities directly related to the soldiers job tasks.

The speaking act to respond or elicite response in this MOS is an oral response to a command or visual signal.

Speaking to explain involves situations of instruction in any training situation.

Speaking to inform involves producing oral utterances to communicate necessary information.

##### READING

Read for information/to learn.

Printed and written materials are used throughout this MOS. The soldier is expected to read technical manuals, fields manuals, soldier's manual, written communication and audio-visual aids. Content of these materials is presented in formats and styles ranging from simple factual words or sentences to complex passages containing highly technical vocabulary, often with ellipsis. The purpose is to teach the student, so the student reads them to learn. Reading to learn involves reading names, attributes, information, procedures, explanations of how systems work, concepts, vocabulary terms, and definitions which are committed to short or long term memory for immediate or later recognition.



Basically, the soldier will use these reading materials to supplement what is stated in a lecture by integrating the information from the different texts or written communiques into his understanding of the previous lecture.

The soldier must develop the ability to understand the words in context, to read in thought units, and then select and understand the main ideas. The soldier must retain, apply, and integrate these ideas with past experience to use in his MOS.

Reading to learn, then, is a synthesis. What is read is to be retained in memory for integration in new experiences.

Reading for information, on the other hand, is quite different. The read material is to be retained only in short term memory, used for a specific purpose (i.e., look up a metric equivalent of 37 pounds) and then forgotten.

#### LISTENING

##### Listen to oral information to learn/to report.

In this MOS, lecture is a main method of instruction. The lecture is often supplemented by a demonstration. The soldier listens to the lecture to learn data pertinent to the task. Analysis of lecture presentations indicated many language variables. The soldier hears sub-standard usages, various registers of style and formality, colloquialisms, even profanity, in situations ranging from a barracks to a field. The soldier must differentiate between the types of language functions. Is it expression, exchange, description, explanation, argumentation, persuasion, statement, request, or order? The oral information may be directly from the speaker and/or indirectly such as over the telephone, radio, TV, or tape. The soldier must organize and gain meaning from what is heard. Out of all these variables, the soldier must identify or infer the main ideas or major points.

Analysis of this MOS did not and could not specify all types of spontaneous language the soldier would be exposed to. The POI, though, does show the general form of the constrained oral language the soldier must listen to in order to learn the task.

#### B. CONDITIONS

The condition is what the soldier will be given in order to do the task. For the MOS job, the soldier is given paper, pencil, and printed materials. For language purposes, he will be given certain structural and lexical features as found through the data gathering and organizing from interviews and observations. Again, for the job that the soldier will be given, the material may be under normal working conditions, though other conditions may be added such as with or without protective gear or in darkness.

The soldier will read lists, tables, procedures, checklists or signs, and will hear scenarios, lectures, explanations, and commands. Therefore, these are listed with the Job Language Performance Requirements as possible conditions.

### C. STANDARDS

The standard for our purpose is 100%. A standard for understanding or speaking cannot be tested as saying the soldier will disassemble a .45 caliber pistol in eight minutes. Because of this, 100% understandable speech or 100% legibility is used as a reference.

### SUMMARY/CONCLUSION:

The Job Language Performance Requirements including tasks, conditions, and standards, were first written for each task cluster. The clusters were then combined into the Job Language Performance Requirements for the entire MOS.

## SECTION V

### JOB LANGUAGE PERFORMANCE REQUIREMENTS (CLUSTERED)

#### INTRODUCTION

Sections I, II, III, and IV described how Job Language Performance Requirements were identified and constructed.

This section contains the Job Language Performance Requirements for each task cluster pertinent to this MOS.

## FIRST AID

### I. PERCENTAGE LANGUAGE SKILLS

Listening	42%
Speaking	31%
Reading	33%
Writing	31%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

**TASK:** Listen to learn  
**CONDITIONS:** Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)  
**STANDARDS:** 100% understanding of oral communication

**TASK:** Listen to respond  
**CONDITIONS:** Given a medical scenario involving simple questions about an illness in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)  
**STANDARDS:** 100% understanding of oral utterances

**TASK:** Produce oral utterances to explain  
**CONDITIONS:** Given a simple medical scenario requiring an oral interpretation in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)  
**STANDARDS:** 100% understandable oral communication

**TASK:** Produce appropriate oral responses spontaneously or upon request  
**CONDITIONS:** Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)  
**STANDARDS:** 100% understandable oral responses

**TASK:** Read for information  
**CONDITIONS:** Given printed MOS training materials in the form of captioned illustrations, procedures, tables and explanations  
**STANDARDS:** 100% understanding of printed content

**TASK:** Write to inform  
**CONDITIONS:** Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)  
**STANDARDS:** 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

051-191-1001	Apply The Four Life-Saving Measures
051-191-1002	Apply First Aid Measures For Burns
051-191-1005	Administer Artificial Respiration

## NUCLEAR, BIOLOGICAL AND CHEMICAL OPERATIONS

### I. PERCENTAGE LANGUAGE SKILLS

Listening	41%
Speaking	38%
Reading	23%
Writing	23%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen to perform
CONDITIONS:	Given oral warnings or verbal commands regarding simulated NBC situations (scenarios) in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral utterances
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given NBC situations requiring oral alarms
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, captioned illustrations and notations defined as explanations
STANDARDS:	100% understanding of printed content
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of procedures, captioned illustrations and notations defined as explanations
STANDARDS:	100% understanding of printed material
TASK:	Write to record and report
CONDITIONS:	Given the requirement to produce a written report
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

051-191-1031	Maintain Protective Mask And Accessories
051-191-1032	Put On A Protective Mask
051-191-1033	Take Cover As Protection Against NBC Hazards
051-191-1034	Decontaminate Self And Individual Equipment
051-191-1035	Administer Antidote To A Nerve Agent Casualty
051-191-1036	Apply Artificial Respiration To A Chemical Agent Casualty
051-191-1037	Determine Personal Needs And Personal Hygiene In A Chemical Environment
051-191-1038	Identify NBC Hazards And Take Appropriate Actions

## INDIVIDUAL FITNESS

### I. PERCENTAGE LANGUAGE SKILLS

Listening	45%
Speaking	29%
Reading	22%
Writing	13%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of procedures, manuals, charts, captioned illustrations and explanations
STANDARDS:	100% understanding of printed content

### III. TASK NUMBERS AND TITLES

051-191-1061	Maintain Individual Physical Fitness Appropriate To Unit Mission
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## BASIC INDIVIDUAL TECHNIQUES

### I. PERCENTAGE LANGUAGE SKILLS

Listening	32%
Speaking	29%
Reading	20%
Writing	17%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions and procedures
STANDARDS:	100% understanding of printed content

### III. TASK NUMBERS AND TITLES

051-191-1063	Employ Field Hygiene And Sanitation Measures
051-191-1364	Construct Individual Defensive Positions
051-191-1365	Clear Fields Of Fire
051-191-1462	Engage Hostile Aircraft With Individual Weapon

## CAMOUFLAG

### I. PERCENTAGE LANGUAGE SKILLS

Listening	33%
Speaking	36%
Reading	16%
Writing	21%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

<b>TASK:</b>	Listen to learn and perform
<b>CONDITIONS:</b>	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
<b>STANDARDS:</b>	100% understanding of oral communication
<b>TASK:</b>	Produce appropriate oral responses spontaneously or upon request
<b>CONDITIONS:</b>	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
<b>STANDARDS:</b>	100% understandable oral responses
<b>TASK:</b>	Produce oral utterances to inform
<b>CONDITIONS:</b>	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
<b>STANDARDS:</b>	100% understandable oral utterances
<b>TASK:</b>	Read for information
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of instructions, charts, captioned illustrations, explanations and procedures
<b>STANDARDS:</b>	100% understanding of printed content

### III. TASK NUMBERS AND TITLES

051-191-1361	Camouflage/Conceal Self And Individual Equipment
051-191-1362	Camouflage/Conceal Equipment
051-191-1363	Camouflage/Conceal Defensive Position

## SECURITY AND INTELLIGENCE

### I. PERCENTAGE LANGUAGE SKILLS

Listening	39%
Speaking	34%
Reading	19%
Writing	23%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen to orally interact
CONDITIONS:	Given oral challenges, passwords and scenarios in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral information
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce spontaneous oral utterances to interact
CONDITIONS:	Given the requirement to orally respond to challenges, passwords and security situations in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of, procedures, tables and warnings
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given the requirement to complete forms and produce written reports
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

051-191-1091	Use Challenge And Password
051-191-1095	Process Known Or Suspected Enemy Personnel
051-191-1096	Collect/Report Information - SALUTE
051-191-1098	Perform Guard Duty
051-191-1099	Practice Noise, Light, And Litter Discipline

## LAND NAVIGATION

### I. PERCENTAGE LANGUAGE SKILLS

Listening	39%
Speaking	32%
Reading	27%
Writing	26%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of marked maps, definitions, captioned illustrations, instructions and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to record
CONDITIONS:	Given a requirement to record the grid reference
STANDARDS:	100% legible written content

### III. TASK NUMBERS AND TITLES

051-191-1481	Identify Terrain Features (Natural And Manmade) On Map
051-191-2483	Locate A Point On A Map
051-191-2485	Navigate Using A Map
051-191-2486	Measure Ground Distance
051-191-2490	Orient A Map To The Ground By Map Terrain Association

## M16A1 RIFLE

### I. PERCENTAGE LANGUAGE SKILLS

Listening	45%
Speaking	36%
Reading	27%
Writing	28%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, captioned illustrations, warnings and references
STANDARDS:	100% understanding of printed content
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of a range card
STANDARDS:	100% understanding of printed content
TASK:	Write to record
CONDITIONS:	Given a requirement to complete a range card
STANDARDS:	100% understandable and legible written content

### III. TASK NUMBERS AND TITLES

051-191-1181 Maintain An M16A1 Rifle, Magazines, And Ammunition

051-191-1182 Load And Unload An M16A1 Rifle Magazine  
051-191-1183 Load, Reduce A Stoppage, Unload, And Clear An M16A1 Rifle  
051-191-1184 Zero An M16A1 Rifle  
051-191-1185 Engage Targets With An M16A1 Rifle  
051-191-1186 Prepare And Use Aiming And Firing Stakes For The M16A1 Rifle

## **LIGHT ANTITANK WEAPON (LAW)**

### **I. PERCENTAGE LANGUAGE SKILLS**

Listening	27%
Speaking	22%
Reading	17%
Writing	17%

### **II. JOB LANGUAGE PERFORMANCE REQUIREMENTS**

**TASK:** Listen to learn and perform  
**CONDITIONS:** Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)

**STANDARDS:** 100% understanding of oral communication

**TASK:** Produce appropriate oral responses spontaneously or upon request  
**CONDITIONS:** Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)

**STANDARDS:** 100% understandable oral responses

**TASK:** Read for information  
**CONDITIONS:** Given printed MOS training materials in the form of procedures, descriptions, tables and SOPs

**STANDARDS:** 100% understanding of printed content

**TASK:** Write to record and report  
**CONDITIONS:** Given a requirement to produce a written report  
**STANDARDS:** 100% understandable and legible written content

### **III. TASK NUMBERS AND TITLES**

051-191-1241	Prepare An M72A2 LAW For Firing; Restore M72A2 LAW To Carrying Configuration
051-191-1242	Engage Targets With An M72A2 LAW
051-191-1243	Apply Immediate Action To Correct A Malfunction On An M72A2 LAW



## GRENADES

### I. PERCENTAGE LANGUAGE SKILLS

Listening	29%
Speaking	27%
Reading	15%
Writing	11%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen for information
CONDITIONS:	Given oral instructions to perform task specific assignments in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral information
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of warnings, procedures, definitions, captioned illustrations and references
STANDARDS:	100% understanding of printed content

### III. TASK NUMBERS AND TITLES

051-191-1302	Engage Enemy Targets With Hand Grenades
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## **ELECTRICAL SYSTEMS**

### **I. PERCENTAGE LANGUAGE SKILLS**

Listening	44%
Speaking	36%
Reading	31%
Writing	29%

### **II. JOB LANGUAGE PERFORMANCE REQUIREMENTS**

<b>TASK:</b>	Listen to learn and perform
<b>CONDITIONS:</b>	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
<b>STANDARDS:</b>	100% understanding of oral communication
<b>TASK:</b>	Produce appropriate oral responses spontaneously or upon request
<b>CONDITIONS:</b>	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
<b>STANDARDS:</b>	100% understandable oral responses
<b>TASK:</b>	Read for information
<b>CONDITIONS:</b>	Given printed NOS training materials in the form of instructions, explanations and procedures
<b>STANDARDS:</b>	100% understanding of printed content
<b>TASK:</b>	Write to inform
<b>CONDITIONS:</b>	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
<b>STANDARDS:</b>	100% understandable and legible written content

### **III. TASK NUMBERS AND TITLES**

051-235-1101	Determine Serviceability Of A Battery (Distributor) Ignition System
051-235-1102	Replace Ignition Switch
051-235-1103	Replace Ignition Coil
051-235-1104	Replace Distributor
051-235-1107	Determine Serviceability Of A Magneto (Self Contained) Ignition System
051-235-1109	Replace Magneto Contact Points And Condenser
051-235-1110	Determine Serviceability Of The Starting System
051-235-1111	Replace Starter And Solenoid

051-235-1112	Replace Starter Switch
051-235-1113	Replace Starter Relay
051-235-1114	Determine Serviceability Of A Battery Charging System (Generator Or Alternator)
051-235-1115	Replace Battery Charging Voltage Regulator
051-235-1116	Replace Ammeter
051-235-1117	Replace Battery(s)
051-235-1119	Replace Generator Or Alternator
051-235-1120	Replace Circuit Breakers

## FUEL SYSTEM

### I. PERCENTAGE LANGUAGE SKILLS

Listening	32%
Speaking	29%
Reading	25%
Writing	21%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

<b>TASK:</b>	Listen to learn and perform
<b>CONDITIONS:</b>	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
<b>STANDARDS:</b>	100% understanding of oral communication
<b>TASK:</b>	Produce appropriate oral responses spontaneously or upon request
<b>CONDITIONS:</b>	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
<b>STANDARDS:</b>	100% understandable oral responses
<b>TASK:</b>	Read to learn
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of procedures and references
<b>STANDARDS:</b>	100% understanding of printed content
<b>TASK:</b>	Read for information
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of instructions, explanations and procedures
<b>STANDARDS:</b>	100% understanding of printed content

### III. TASK NUMBERS AND TITLES

051-235-1126	Determine Serviceability Of A Gasoline Fuel System
051-235-1127	Replace Carburetor
051-235-1128	Replace Fuel Pump (Gasoline)
051-235-1130	Determine Serviceability Of A Pressure Time (PT) Fuel System (Diesel)
051-235-1131	Replace Pressure Time (PT) Pump
051-235-1132	Replace Pressure Time (PT) Fuel Shutoff Valve
051-235-1133	Replace Pressure Time (PT) Overspeed Governor
051-235-1135	Replace Pressure Time (PT) System Injectors
051-235-1136	Determine Serviceability Of A Multiple Pump Fuel System (Caterpillar)

051-235-1137	Replace Multiple Pump (Caterpillar)
051-235-1138	Replace Fuel Pressure Gauge
051-235-1139	Replace Hand Primer Pump
051-235-1140	Replace Multiple Pump System Injector Nozzle
051-235-1141	Replace Injector Lines
051-235-1142	Determine Serviceability Of A Roosa-Master Fuel System
051-235-1143	Replace Roosa-Master Injection Pump
051-235-1144	Replace Roosa-Master Injector Nozzles
051-235-1145	Determine Serviceability Of A Unit Injector Fuel System
051-235-1146	Adjust Governor (Variable Speed)
051-235-1147	Replace Unit Injection System Injectors
051-235-2151	Repair Pressure Time (PT) Fuel Pump (Low Pressure)
051-235-2152	Repair Roosa-Master Fuel Pump (High Pressure)
051-235-2153	Repair Multiple (Caterpillar) Fuel Pump (High Pressure)
051-235-2154	Repair Unit Injector Fuel System

## COOLING SYSTEM

### I. PERCENTAGE LANGUAGE SKILLS

Listening	37%
Speaking	36%
Reading	22%
Writing	21%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, explanations and procedures
STANDARDS:	100% understanding of printed content

### III. TASK NUMBERS AND TITLES

051-235-1161	Determine Serviceability Of A Liquid Cooling System
051-235-1163	Replace Fan
051-235-1164	Replace Radiator
051-235-1165	Replace Water Pump
051-235-1166	Replace V-Belts
051-235-1167	Replace Water Treatment Filter
051-235-1168	Replace Cooling System Hoses
051-235-1169	Determine Serviceability Of An Air Cooling System
051-235-1170	Replace Air Cooling System Thermostat (Hi-Temperature Safety Switch)
051-235-1171	Replace Air Cooling System Fan

## HYDRAULIC SYSTEM

### I. PERCENTAGE LANGUAGE SKILLS

Listening	34%
Speaking	36%
Reading	24%
Writing	21%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or on request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, explanations and procedures
STANDARDS:	100% understanding of printed content

### III. TASK NUMBERS AND TITLES

051-235-1176	Determine Serviceability Of The Hydraulic System
051-235-1178	Replace Hydraulic Controls And Linkage
051-235-1179	Replace Hydraulic Cylinder
051-235-1180	Replace Hydraulic Pump
051-235-1182	Fabricate Hydraulic Hose
051-235-1183	Adjust Coasting Brake
051-235-1184	Replace Circle Reverse Gear Box
051-235-1185	Adjust Circle On Motorized Grader
051-235-2186	Repair Hydraulic Pumps
051-235-2187	Repair Hydraulic Cylinders
051-235-2188	Repair Hydraulic Control Valves

## BRAKES

### I. PERSONAL LANGUAGE SKILLS

Listening	35%
Speaking	35%
Reading	20%
Writing	20%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures and references
STANDARDS:	100% understanding of printed content

### III. TASK NUMBERS AND TITLES

051-235-1190	Determine Serviceability Of The Airbrake System
051-235-1191	Replace Brake Chamber
051-235-1192	Replace Slack Adjuster
051-235-1193	Replace Air Lines
051-235-1194	Replace Air Gauge
051-235-1195	Replace Air Compressor Governor
051-235-1196	Determine Serviceability Of A Hydraulic Brake System
051-235-1197	Replace Master Cylinder
051-235-1198	Determine Serviceability Of The Air-Over-Hydraulic Brake System



051-235-1199	Align Wheels (Toe In - Toe Out)
051-235-1200	Replace Wheeled Tractor Tire
051-235-2202	Repair Hydraulic Brake Power Cluster
051-235-2203	Replace Airbrake System Treadle Valve
051-235-2204	Repair Hydraulic Wheel Cylinder
051-235-2205	Replace Brake Shoes
051-235-2206	Repair Expander-Type Brake Assembly (Wheel Tractor)

## POWER TRAINS

### I. PERCENTAGE LANGUAGE SKILLS

Listening	32%
Speaking	28%
Reading	23%
Writing	21%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, explanations and procedures
STANDARDS:	100% understanding of printed content

### III. TASK NUMBERS AND TITLES

051-235-1211	Determine Serviceability Of A Power Train
051-235-1212	Replace Universal Joints
051-235-1213	Adjust Crane Carrier Clutch
051-235-1214	Adjust "Snap Over Center" Clutches
051-235-1215	Adjust Winch Brake On Crawler Tractor
051-235-1216	Adjust Expanding Shoe And Band Clutches (Crane Operating Clutches)
051-235-1217	Replace Bearings And Seals
051-235-1218	Adjust Steering, Brakes And Clutches
051-235-2226	Repair A Double-Plate Dry Disc Clutch (Crane Carrier)
051-235-2227	Repair A Single-Plate Dry Disc Clutch
051-235-2228	Repair Multiple-Disc Oil-Type (Wet) Clutch
051-235-2229	Repair A Triple-Plate Oil-Type Clutch (Crawler Tractor)
051-235-2230	Repair Expanding Shoe Or Band-Type Clutch
051-235-2231	Repair A "Snap Over Center" Clutch
051-235-2232	Replace Torque Converter

051-235-2233	Replace Transmission (Construction Equipment)
051-235-2234	Repair Conventional Transmission
051-235-2235	Repair Power Shift Transmission
051-235-2236	Repair Planetary
051-235-2237	Repair Steering brake
051-235-2238	Repair Differential
051-235-2239	Repair Tandem Drive Chain
051-235-2241	Repair Track Adjusting Mechanism

## **PNEUMATIC EQUIPMENT**

### **I. PERCENTAGE LANGUAGE SKILLS**

Listening	27%
Speaking	20%
Reading	18%
Writing	15%

### **II. JOB LANGUAGE PERFORMANCE REQUIREMENTS**

<b>TASK:</b>	Listen to learn and perform
<b>CONDITIONS:</b>	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
<b>STANDARDS:</b>	100% understanding of oral communication
<b>TASK:</b>	Produce appropriate oral responses spontaneously or upon request
<b>CONDITIONS:</b>	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
<b>STANDARDS:</b>	100% understandable oral responses
<b>TASK:</b>	Read for information
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of instructions, explanations and procedures
<b>STANDARDS:</b>	100% understanding of printed content

### **III. TASK NUMBERS AND TITLES**

051-235-1251	Determine Serviceability Of The Air Compressor (250 CFM Or Over)
051-235-1252	Replace Air Pressure Regulator
051-235-1254	Replace Moisture Separator
051-235-2266	Repair Air Pressure Regulator
051-235-2267	Replace Rotor Blades (Vanes) 250 CFM Or Over
051-235-2268	Repair Blowdown And Minimum Pressure Valve
051-235-2269	Repair Air Compressor Speed Control

## ENGINE

### I. PERCENTAGE LANGUAGE SKILLS

Listening	30%
Speaking	24%
Reading	23%
Writing	19%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, explanations and procedures
STANDARDS:	100% understanding of printed content

### III. TASK NUMBERS AND TITLES

051-235-1276	Adjust Intake And Exhaust Valves
051-235-1277	Perform Compression Test
051-235-2286	Replace Engine
051-235-2287	Repair Cylinder Head
051-235-2288	Replace Cylinder Head
051-235-2289	Replace Connecting Rods And Pistons
051-235-2290	Replace Camshaft, Gears, And Bearings
051-235-2291	Replace Crankshaft
051-235-2292	Replace Cylinder Liners/Sleeves
051-235-2294	Repair Oil Pump

## LUBE AND SERVICE EQUIPMENT

### I. PERCENTAGE LANGUAGE SKILLS

Listening	46%
Speaking	32%
Reading	30%
Writing	25%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures and references
STANDARDS:	100% understanding of printed content
TASK:	Write to inform
CONDITIONS:	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable and legible written content

### III. TASK NUMBERS AND TITLES

051-235-1301	Determine Serviceability Of A Lubrication And Service Unit
051-235-1302	Replace Dispensing Pumps

## STEERING SYSTEM

### I. PERCENTAGE LANGUAGE SKILLS

Listening	42%
Speaking	30%
Reading	24%
Writing	22%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, explanations and procedures
STANDARDS:	100% understanding of printed content

### III. TASK NUMBERS AND TITLES

051-235-1316	Determine Serviceability Of A Power (Hydraulic) Steering System
051-235-1317	Replace Steering Pump
051-235-1318	Adjust Steering Control Levers And Linkage
051-235-1319	Determine Serviceability Of A Suspension System
051-235-1320	Replace Steering Gear
051-235-2331	Repair Steering Valve On Hydraulic Steering
051-235-2332	Adjust Steering Gear Backlash

## CONSTRUCTION EQUIPMENT OPERATION

### I. PERCENTAGE LANGUAGE SKILLS

Listening	41%
Speaking	27%
Reading	31%
Writing	23%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures and references
STANDARDS:	100% understanding of printed content

### III. TASK NUMBERS AND TITLES

051-235-1370	Maneuver A Crawler Tractor
051-235-1371	Maneuver A Motorized Grader
051-235-1372	Maneuver A Scoop Loader
051-235-1373	Maneuver A Truck-Mounted Crane
051-235-1374	Maneuver A Wheeled Tractor



## LUBRICATION SYSTEM

### I. PERCENTAGE LANGUAGE SKILLS

Listening	36%
Speaking	18%
Reading	23%
Writing	17%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform  
CONDITIONS: Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)  
STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon request  
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)  
STANDARDS: 100% understandable oral responses

TASK: Read for information  
CONDITIONS: Given printed MOS training materials in the form of instructions, explanations and procedures  
STANDARDS: 100% understanding of printed content

### III. TASK NUMBERS AND TITLES

051-235-1401	Determine Serviceability Of A Lubrication System
051-235-1402	Replace Oil Pressure Regulating Valve
051-235-1403	Replace Engine Oil Cooler
051-235-1404	Lubricate End Item In Accordance With The Lubrication Order

## DISPENSING AND SERVICE UNIT

### I. PERCENTAGE LANGUAGE SKILLS

Listening	10%
Speaking	8%
Reading	6%
Writing	4%

### II. JOB LANGUAGE PERFORMANCE STANDARDS

<b>TASK:</b>	Listen to learn and perform
<b>CONDITIONS:</b>	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
<b>STANDARDS:</b>	100% understanding of oral communication
<b>TASK:</b>	Produce appropriate oral responses spontaneously or upon request
<b>CONDITIONS:</b>	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
<b>STANDARDS:</b>	100% understandable oral responses
<b>TASK:</b>	Read for information
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of instructions, explanations and procedures
<b>STANDARDS:</b>	100% understanding of printed content

### III. TASK NUMBERS AND TITLES

051-235-2311    Repair High And Low Pressure Dispensing Pumps

## EXHAUST SYSTEM

### I. PERCENTAGE LANGUAGE SKILLS

Listening	24%
Speaking	19%
Reading	15%
Writing	11%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, explanations and procedures
STANDARDS:	100% understanding of printed content

### III. TASK NUMBERS AND TITLES

051-235-2366	Repair Turbocharger
051-235-2367	Repair Blower

## SUPPORT DUTIES

### I. PERCENTAGE LANGUAGE SKILLS

Listening	21%
Speaking	14%
Reading	10%
Writing	7%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, explanations and procedures
STANDARDS:	100% understanding of printed content

### III. TASK NUMBERS AND TITLES

051-235-2376	Perform Oxyacetylene Butt Weld
051-235-2377	Perform Oxyacetylene Cutting
051-235-2378	Perform Electric Arc Welding Butt Weld

## MOBILE ASSEMBLY ENGINE

### I. PERCENTAGE LANGUAGE SKILLS

Listening	22%
Speaking	20%
Reading	14%
Writing	13%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, explanations and procedures
STANDARDS:	100% understanding of printed content

### III. TASK NUMBERS AND TITLES

051-235-1426	Determine Serviceability Of MAB Generating System
051-235-1427	Determine Serviceability Of MAB Starting, Stopping, Slaving, And Master Switch Electrical Circuits
051-235-1428	Determine Serviceability Of MAB Superstructure Raise/Lower Circuit
051-235-1429	Determine Serviceability Of Prop Raise/Lower System
051-235-1430	Replace Propeller Assembly
051-235-1431	Determine Serviceability Of Wheel Raise/Lower System
051-235-1432	Replace Suspension Cylinder
051-235-1434	Perform Hydraulic Pump Test
051-235-1435	Perform Relief Valve Test
051-235-1436	Perform Tee Test
051-235-1437	Determine Serviceability Of Front Wheel Position Transmitter
051-235-1438	Replace Front Wheel Position Transmitter
051-235-1439	Determine Serviceability Of Waterproofing Boots

051-235-1440 Replace Waterproofing Boots  
051-235-1441 Determine Serviceability Of Bell Housing  
051-235-1442 Determine Serviceability Of Marine Drive Assembly  
051-235-1443 Maneuver The MAB On Land  
051-235-2451 Replace Marine Drive Assembly  
051-235-2452 Replace Bell Housings  
051-235-2453 Charge Suspension Cylinder With Nitrogen

## SECTION VI

### JOB LANGUAGE PERFORMANCE REQUIREMENTS (Entire MOS)

#### INTRODUCTION

This section contains language tasks for each generic skill for this MOS. Listed below each task are the types of receptive or productive language activity involved.

## LISTENING

- TASK:** Understand oral language intended to inform or instruct.
- CONDITIONS:** Given explanations, procedures, rules, instructions or definitions in simple to complex lexicon and syntax, formal or informal registers, casual or colloquial speech, military jargon, slang or dialectical speech in any training situation. (Appendices 4, 5 & 6)
- STANDARDS:** 100% understanding and assimilation of presented oral language task.

The following are specific conditions found in this language task:

Warnings  
Described situations  
Directions  
Lectures  
Commands, Orders  
Sound tracks (films, tapes)  
Standard/Non-standard English  
Instructions  
SQT questions

- TASK:** Understand spontaneous oral language or language via a technical medium - such as a radio telephone - intended to inform and elicit responses.
- CONDITIONS:** Given scenarios, questions, commands or requests in simple to complex lexicon and syntax, formal or informal registers, casual or colloquial speech, military jargon, slang or dialectical speech in any training situation. (Appendices 4, 5, & 6)
- STANDARDS:** 100% understanding and assimilation of oral language in order to apply and respond.

The following are specific conditions found in this language task:

Shouting  
Radio communications  
Coded messages  
Spellings  
Conversation  
Requests



## SPEAKING

- TASK:** Formulate and produce appropriate oral responses spontaneously.
- CONDITIONS:** Given any verbal stimulus in the form of questions, scenarios, instructions, or cues in any training situation.  
(Appendices 5 & 6)
- STANDARDS:** 100% understandable oral response using correct lexicon and syntax for the training situation.

The following are specific conditions found in the language task:

Explanations  
Statements  
Repetitions  
Counting  
Corrections  
Assignments  
Notifications  
Oral reports  
Answers  
Clarifications  
Information

- TASK:** Produce oral utterances to interact and communicate spontaneously or via a technical medium such as radio telephone.
- CONDITIONS:** Given a communicative situation (Appendices 4, 5, & 6 Soldier's Manual) in any training situation.
- STANDARDS:** 100% understandable communication using correct lexicon and syntax for the communication act.

The following are specific conditions found in this language task:

Requesting information  
Requesting permission  
Transmitting messages  
Call signs  
Vocal signals  
Shout warnings  
Radio communications  
Target locations  
Directions (N,S,E,W)  
Directions, general  
Requests for fire  
Report on the results of fire  
Challenges/Passwords  
Training sessions  
Interaction

## READING

- TASK:** Read MOS training in the form of printed prose or graphic representations in order to learn processes, concepts, vocabulary, definitions and identifications, to calculate problems, intercept codes and complete forms.
- CONDITIONS:** Given technical, non-technical, lexical and structural features in simple to complex printed form in any training situation. (Appendices 4, 5 & 6)
- STANDARDS:** 100% understanding of printed content.

The following are specific conditions found in this language task:  
Captions with illustrations.

Lists	Extracts
Procedures	Columns
Information	Indices
Definitions	Charts
Outlines	Methods
Signs	Technical Vocabulary
Markers	Standard Operating Procedures
References	Cartoons
Rules	Problems
Maps	Manuals
Flags	Graphic Training Aids
Military Documents	
I.D. Papers	
Regulations	

- TASK:** Identify, understand, and interpret written utterances pertinent to MOS training in technical or non-technical language.
- CONDITIONS:** Given technical, non-technical, lexical and structural features in simple to complex written form in any training situation. (Appendices 4, 5 & 6)
- STANDARDS:** 100% understanding of written content.

The following are specific conditions found in this language task:

Lists  
Information  
Descriptions  
Radiation readings off dosimeter  
Coordinate scales  
Callsigns-suffices  
Three-letter codes  
Examples  
Calculations  
Markings  
Radio communications  
Message cards  
Messages

## WRITING

- TASK:** Upon instruction, write in conventional orthography, letter, numbers, words or sentences appropriate to the training situation.
- CONDITIONS:** Given standardized forms, paper or answer sheets and the instructions to list, answer, describe or recall.
- STANDARDS:** 100% syntactical and lexical correctness and legibility of writing which is also appropriate in style and usage to training situations. (Appendix 4)

The following are specific conditions found in this language task:

Ratings  
Signatures  
Range cards  
Data symbols  
Answers  
Descriptions  
Notes  
Reports

- TASK:** Write, in conventional orthography, letters, or specialized code, numbers, words or sentences in order to transmit or record information.
- CONDITIONS:** Given standardized forms or paper and oral communication.
- STANDARDS:** 100% syntactical and lexical correctness of writing which can be read by another speaker of English.

The following are specific conditions found in this language task:

Technical forms  
Codes  
Grid coordinates  
Decoded messages  
Encoded messages  
Logbooks  
Plottings  
Figures  
Reports  
Tags  
Range cards  
Applicable DA forms

## APPENDICES

1. Task Prioritization Checklist
2. Task Inventory Compiled Data Forms
3. Percentage Language Skills
4. Observation Form
5. Structural/Lexical list
6. Vocabulary (DLIELC in-house)
7. Vocabulary (machine-generated)
8. English Language Structures

APPENDIX 1

TASK PRIORITIZATION CHECKLIST

This Checklist was approved by the  
Department of the Army in 1980.

(PRESENTLY WORKING IN)

\*RATING: 1=low  
2= med  
3= high

MOS IN WHICH YOU WERE TRAINED:  
POSITION: \_\_\_\_\_  
UNIT: \_\_\_\_\_

YES  
NO IS TASK  
TAUGHT?

LISTENING\*  
SPEAKING\*  
READING\*  
WRITING\* IMPORTANCE  
OF:

LECTURE  
SELF-PACED  
DEMONSTRATION  
HANDS-ON HOW  
TAUGHT

YES  
NO IS TASK  
TESTED?

WRITTEN  
ORAL  
PERFORMANCE HOW  
TESTED?

PERSON  
PERSON  
RESULT  
DANGER HOW

APPENDIX 2

TASK INVENTORY COMPILED DATA FORM

This form was used to record data from  
the Task Prioritization Checklist.

64

## TRAINING SPECIALIST

NOS 62B NUMBER OF RESPONDENTS 6  
 DATA OBTAINED FROM FR. LEONARD WOOD TRAINING SPECIALIST

[illegible]

1518 1915

WAC



## TRAINING SPECIALIST

051-191-1035

4/3C

MOS

67

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	UNIT		IMPORTANCE	EQUIPMENT	DANGER TO PERSON OR	LECTURE	DEMONSTRATION	HANDS-ON	SELF-PACED	PERFORMANCE	ORAL	WRITTEN	LISTENING	SPEAKING	READING	WRITING
						tested?	difficult?														
051-191-1036																					
051-191-1037																					
051-191-1038																					
051-191-1039																					

N/A

## TRAINING SPECIALIST

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS
			danger to person or equipment - importance	written	writing
			difficulty?	oral	reading
			tested?	performance	speaking
			taught?		listening
057-191-1068					
A36-144-100					
061-191-1365					
C 1462					

Basic INDIAN TRIBES

10/1/54

## TRAINING SPECIALIST

1601-191-1091

44400P486



# LAND NAVIGATION

TASK NUMBER	CRITICALITY			METHODS OF TEACHING			METHODS OF TESTING			RATING OF ELS		
	importance	equipment	danger to person or	lecture	demonstration	hands-on	self-paced	performance	oral	written	listening	speaking
051M-1981	taught?	tested?	difficulty?									
051M-2181												
051M-2185												

DATA OBTAINED FROM \_\_\_\_\_  
 TRAINING SPECIALIST \_\_\_\_\_  
 MOS \_\_\_\_\_  
 NUMBER OF RESPONDENTS \_\_\_\_\_

UNIT	CRITICALITY			METHODS OF TEACHING			METHODS OF TESTING			RATING OF ELS		
	importance	equipment	danger to person or	lecture	demonstration	hands-on	self-paced	performance	oral	written	listening	speaking
051M-1981	taught?	tested?	difficulty?									
051M-2181												
051M-2185												

DATA OBTAINED FROM \_\_\_\_\_  
 TRAINING SPECIALIST \_\_\_\_\_  
 MOS \_\_\_\_\_  
 NUMBER OF RESPONDENTS \_\_\_\_\_

# M16A1 RIFLE

# LAND NAVIGATION

TASK NUMBER	AIT			CRITICALITY					METHODS OF TEACHING				METHODS OF TESTING				RATING OF ELS			
051-191-2486	taught?	tested?	difficulty?	importance	equipment	danger to person or	lecture	demonstrator	self-paced	hands-on	performance	oral	written	listening	speaking	reading	writing			
051-191-2490	taught?	tested?	difficulty?	importance	equipment	danger to person or	lecture	demonstrator	self-paced	hands-on	performance	oral	written	listening	speaking	reading	writing			
051-191-1181	taught?	tested?	difficulty?	importance	equipment	danger to person or	lecture	demonstrator	self-paced	hands-on	performance	oral	written	listening	speaking	reading	writing			
051-191-1182	taught?	tested?	difficulty?	importance	equipment	danger to person or	lecture	demonstrator	self-paced	hands-on	performance	oral	written	listening	speaking	reading	writing			

DATA OBTAINED FROM \_\_\_\_\_  
 MOS \_\_\_\_\_  
 NUMBER OF RESPONDENTS \_\_\_\_\_  
 TRAINING SPECIALIST \_\_\_\_\_

UNIT	CRITICALITY			METHODS OF TEACHING				METHODS OF TESTING				RATING OF ELS			
051-191-2486	tested?	difficulty?	importance	equipment	danger to person or	lecture	demonstrator	self-paced	hands-on	performance	oral	written	listening	speaking	reading
051-191-2490	tested?	difficulty?	importance	equipment	danger to person or	lecture	demonstrator	self-paced	hands-on	performance	oral	written	listening	speaking	reading
051-191-1181	tested?	difficulty?	importance	equipment	danger to person or	lecture	demonstrator	self-paced	hands-on	performance	oral	written	listening	speaking	reading
051-191-1182	tested?	difficulty?	importance	equipment	danger to person or	lecture	demonstrator	self-paced	hands-on	performance	oral	written	listening	speaking	reading

DATA OBTAINED FROM \_\_\_\_\_  
 MOS \_\_\_\_\_  
 NUMBER OF RESPONDENTS \_\_\_\_\_  
 TRAINING SPECIALIST \_\_\_\_\_

# MIGAI RIFLE

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	
05-11-1183	taught?	importance	lecture	performance	writing	
	tested?	equipment	demonstration	oral	reading	
	difficulty?	danger to person or	hands-on	written	speaking	
					listening	
05-11-1184	taught?	importance	lecture	performance	writing	
	tested?	equipment	demonstration	oral	reading	
	difficulty?	danger to person or	hands-on	written	speaking	
					listening	
05-11-1185	taught?	importance	lecture	performance	writing	
	tested?	equipment	demonstration	oral	reading	
	difficulty?	danger to person or	hands-on	written	speaking	
					listening	
05-11-1186	taught?	importance	lecture	performance	writing	
	tested?	equipment	demonstration	oral	reading	
	difficulty?	danger to person or	hands-on	written	speaking	
					listening	

UNIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	
tested?	importance	lecture	performance	writing	
difficulty?	equipment	demonstration	oral	reading	
	danger to person or	hands-on	written	speaking	
				listening	

UNIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	
tested?	importance	lecture	performance	writing	
difficulty?	equipment	demonstration	oral	reading	
	danger to person or	hands-on	written	speaking	
				listening	

UNIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	
tested?	importance	lecture	performance	writing	
difficulty?	equipment	demonstration	oral	reading	
	danger to person or	hands-on	written	speaking	
				listening	



625000

LAW

TASK NUMBER	CRITICALITY			METHODS OF TEACHING			METHODS OF TESTING			RATING OF ELS		
	importance	equipment	danger to	lecture	demonstration	self-paced	hands-on	performance	oral	written	listening	reading
051-171-1302	taught?	tested?	difficulty?									
051-171-1291												
051-171-1292												
051-171-1293												

UNIT	CRITICALITY			METHODS OF TEACHING			METHODS OF TESTING			RATING OF ELS		
	importance	equipment	danger to	lecture	demonstration	self-paced	hands-on	performance	oral	written	listening	reading
051-171-1302	tested?	difficulty?										
051-171-1291												
051-171-1292												
051-171-1293												

DATA OBTAINED FROM

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

NUMBER OF RESPONDENTS

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OF 52

# ELECTRICAL SYSTEMS

TASK NUMBER	CRITICALITY			METHODS OF TEACHING			METHODS OF TESTING			RATING OF ELS		
	importance	equipment	danger to person or	lecture	demonstration	self-paced	performance	oral	written	writing	reading	speaking
051-235-401	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
051-235-402	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
051-235-403	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
051-235-404	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1

DATA OBTAINED FROM TRAINING SPECIALIST

DATA OBTAINED FROM

NUMBER OF RESPONDENTS

UNIT	CRITICALITY			METHODS OF TEACHING			METHODS OF TESTING			RATING OF ELS		
	importance	equipment	danger to person or	lecture	demonstration	self-paced	performance	oral	written	writing	reading	speaking
051-235-401	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
051-235-402	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
051-235-403	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
051-235-404	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1

DATA OBTAINED FROM TRAINING SPECIALIST

DATA OBTAINED FROM

NUMBER OF RESPONDENTS

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## C

MOS	NUMBER OF RESPONDENTS	DATA OBTAINED FROM	TRAINING SPECIALIST

NOS 6211 DATA OBTAINED FROM TRAINING SPECIALIST  
 NUMBER OF RESPONDENTS OF 56 PAGE 12

# ELECTRICAL SYSTEMS

TASK NUMBER	CRITICALITY			METHODS OF TEACHING			METHODS OF TESTING			RATING OF ELS		
	difficulty?	tested?	taught?	lecture	demonstration	self-paced	performance	oral	written	writing	reading	listening
051-335-1112	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
051-335-1113	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
051-335-1114	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1

UNIT	CRITICALITY			METHODS OF TEACHING			METHODS OF TESTING			RATING OF ELS		
	difficulty?	tested?	taught?	lecture	demonstration	self-paced	performance	oral	written	writing	reading	listening
051-335-1112	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
051-335-1113	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
051-335-1114	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1

DATA OBTAINED FROM

NUMBER OF RESPONDENTS

TRAINING SPECIALIST

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

NUMBER OF RESPONDENTS

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OF 52

# ELECTRICAL SYSTEMS

TASK NUMBER	METHODS OF TEACHING			METHODS OF TESTING			RATING OF ELS			
	AIT	CRITICALITY	IMPORTANCE	performance	written	oral	writing	reading	speaking	listening
06-235-1115	taught?	difficulty?	importance	performance	written	oral	writing	reading	speaking	listening
	tested?	difficulty?	importance	performance	written	oral	writing	reading	speaking	listening
	difficulty?	importance	importance	performance	written	oral	writing	reading	speaking	listening
	difficulty?	importance	importance	performance	written	oral	writing	reading	speaking	listening
06-235-1116	taught?	difficulty?	importance	performance	written	oral	writing	reading	speaking	listening
	tested?	difficulty?	importance	performance	written	oral	writing	reading	speaking	listening
	difficulty?	importance	importance	performance	written	oral	writing	reading	speaking	listening
	difficulty?	importance	importance	performance	written	oral	writing	reading	speaking	listening
06-235-1117	taught?	difficulty?	importance	performance	written	oral	writing	reading	speaking	listening
	tested?	difficulty?	importance	performance	written	oral	writing	reading	speaking	listening
	difficulty?	importance	importance	performance	written	oral	writing	reading	speaking	listening
	difficulty?	importance	importance	performance	written	oral	writing	reading	speaking	listening
06-235-1119	taught?	difficulty?	importance	performance	written	oral	writing	reading	speaking	listening
	tested?	difficulty?	importance	performance	written	oral	writing	reading	speaking	listening
	difficulty?	importance	importance	performance	written	oral	writing	reading	speaking	listening
	difficulty?	importance	importance	performance	written	oral	writing	reading	speaking	listening

DATA OBTAINED FROM \_\_\_\_\_  
 MOS \_\_\_\_\_  
 NUMBER OF RESPONDENTS \_\_\_\_\_  
 TRAINING SPECIALIST \_\_\_\_\_

UNIT	CRITICALITY			METHODS OF TEACHING			METHODS OF TESTING			RATING OF ELS						
	tested?	difficulty?	importance	equipment	danger to person or	lecture	demonstration	hands-on	self-paced	performance	oral	written	listening	speaking	reading	writing

DATA OBTAINED FROM \_\_\_\_\_  
 MOS \_\_\_\_\_  
 NUMBER OF RESPONDENTS \_\_\_\_\_  
 TRAINING SPECIALIST \_\_\_\_\_

Fuel system

***elec. Sys.***

[illegible]

## TRAINING SPECIALIST

DATA OBTAINED FROM

**NUMBER OF RESPONDENTS**

**SOW**

UNIT		CRITICALITY					METHODS OF TEACHING					METHODS OF TESTING			RATING OF ELS			
tested?	difficulty?	importance	equipment	danger to person or	lecture	demonstration	hands-on	self-paced	performance	oral	written	listening	speaking	reading	writing			

**TRAINING SPECIALIST**

**DATA OBTAINED FROM**

**NUMBER OF RESPONDENTS**

**SOME**

621

Full System

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	
051-35-1130	taught?	importance	lecture	performance	writing	
	tested?	equipment	demonstration	oral	reading	
	difficulty?	danger to person or	hands-on	written	speaking	
				listening		
051-35-1131	taught?	importance	lecture	performance	writing	
	tested?	equipment	demonstration	oral	reading	
	difficulty?	danger to person or	hands-on	written	speaking	
				listening		
051-235-1132	taught?	importance	lecture	performance	writing	
	tested?	equipment	demonstration	oral	reading	
	difficulty?	danger to person or	hands-on	written	speaking	
				listening		
051-35-1133	taught?	importance	lecture	performance	writing	
	tested?	equipment	demonstration	oral	reading	
	difficulty?	danger to person or	hands-on	written	speaking	
				listening		

DATA OBTAINED FROM \_\_\_\_\_  
 MOS \_\_\_\_\_  
 NUMBER OF RESPONDENTS \_\_\_\_\_  
 TRAINING SPECIALIST \_\_\_\_\_

UNIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	
tested?	importance	lecture	performance	writing	
difficulty?	equipment	demonstration	oral	reading	
	danger to person or	hands-on	written	speaking	
			listening		

DATA OBTAINED FROM \_\_\_\_\_  
 MOS \_\_\_\_\_  
 NUMBER OF RESPONDENTS \_\_\_\_\_  
 TRAINING SPECIALIST \_\_\_\_\_





[illegible]

Page 555

# Fuel System

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	
051-235-1143	taught?	difficulty?	importance	equipment	danger to person or	lecture
	tested?					demonstration
						hands-on
						self-paced
						performance
						oral
						written
						listening
						speaking
						reading
051-235-1145	taught?	difficulty?	importance	equipment	danger to person or	lecture
	tested?					demonstration
						hands-on
						self-paced
						performance
						oral
						written
						listening
						speaking
						reading
051-235-1146	taught?	difficulty?	importance	equipment	danger to person or	lecture
	tested?					demonstration
						hands-on
						self-paced
						performance
						oral
						written
						listening
						speaking
						reading

UNIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	
tested?	difficulty?	importance	equipment	danger to person or	lecture
					demonstration
					hands-on
					self-paced
					performance
					oral
					written
					listening
					speaking
					reading
					writing

UNIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	
tested?	difficulty?	importance	equipment	danger to person or	lecture
					demonstration
					hands-on
					self-paced
					performance
					oral
					written
					listening
					speaking
					reading
					writing

UNIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	
tested?	difficulty?	importance	equipment	danger to person or	lecture
					demonstration
					hands-on
					self-paced
					performance
					oral
					written
					listening
					speaking
					reading
					writing



## COOLING SYSTEM

## Fuel System

[illegible]

DATA OBTAINED FROM \_\_\_\_\_  
NUMBER OF RESPONDENTS \_\_\_\_\_  
TRAINING SPECIALIST \_\_\_\_\_

UNIT	CRITICALITY			METHODS OF TEACHING				METHODS OF TESTING			RATING OF ELS				
	tested?	difficulty?	importance	danger to person or equipment	lecture	demonstration	hands-on	self-paced	performance	oral	written	listening	speaking	reading	writing
1	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
2	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
3	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
4	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
5	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
6	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
7	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
8	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
9	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
10	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
11	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
12	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
13	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
14	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
15	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
16	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
17	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
18	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
19	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
20	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
21	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
22	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
23	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
24	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
25	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
26	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
27	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
28	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
29	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
30	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
31	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
32	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
33	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1
34	1	1	0	5	1	1	1	1	1	1	1	1	1	1	1

DATA OBTAINED FROM	NUMBER OF RESPONDENTS	TRAINING SPECIALIST
6		



# COOLING SYSTEM

TASK NUMBER	CRITICALITY			METHODS OF TEACHING			METHODS OF TESTING			RATING OF ELS		
	importance	danger to person or equipment	difficulty?	lecture	demonstration	self-paced	performance	oral	written	writing	reading	speaking
051-235-1168	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
051-235-1165	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
051-235-1170	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
051-235-1171	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1

DATA OBTAINED FROM	NUMBER OF RESPONDENTS	TRAINING SPECIALIST
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UNIT	CRITICALITY			METHODS OF TEACHING			METHODS OF TESTING			RATING OF ELS		
	importance	danger to person or equipment	difficulty?	lecture	demonstration	self-paced	performance	oral	written	writing	reading	speaking
051-235-1168	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
051-235-1165	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
051-235-1170	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
051-235-1171	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1
	2	2	2	1	1	1	1	1	1	1	1	1

DATA OBTAINED FROM	NUMBER OF RESPONDENTS	TRAINING SPECIALIST
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# HYDRAULIC SYSTEM

HYDRAULIC SYSTEM

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING				METHODS OF TESTING		RATING OF ELS				
			lecture	demonstration	self-paced	hands-on	performance	oral	written	listening	speaking	reading	writing
051-235-1176	1												
	2												
	3												
	4												
051-235-1177	1												
	2												
	3												
	4												
051-235-1178	1												
	2												
	3												
	4												
051-235-1179	1												
	2												
	3												
	4												
051-235-1180	1												
	2												
	3												
	4												

DATA OBTAINED FROM													
MOS													
NUMBER OF RESPONDENTS													
TRAINING SPECIALIST													

UNIT	CRITICALITY	METHODS OF TEACHING				METHODS OF TESTING			RATING OF ELS							
		importance	difficulty?	tested?	danger to person or equipment	lecture	demonstration	hands-on	self-paced	performance	oral	written	listening	speaking	reading	writing
05-235-1176	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
05-235-1177	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
05-235-1178	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
05-235-1179	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
05-235-1180	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

DATA OBTAINED FROM													
MOS													
NUMBER OF RESPONDENTS													
TRAINING SPECIALIST													

## HYDRAULIC SYSTEM

[illegible]

## TRAINING SPECIALIST

DATA OBTAINED FROM

**NUMBER OF RESPONDENTS**

**SOME**

[illegible]

## TRAINING SPECIALIST

DATA OBTAINED FROM

**NUMBER OF RESPONDENTS**

**SOM**

6213



# HYDRAULIC SYSTEM

TASK NUMBER	RATING OF ELLS			METHODS OF TESTING			METHODS OF TEACHING			CRITICALITY			UNIT			DATA OBTAINED FROM			
	writing	reading	speaking	listening	written	oral	performance	self-paced	hands-on	demonstration	lecture	danger to person or equipment	importance	difficulty?	tested?	MOS	NUMBER OF RESPONDENTS	TRAINING SPECIALIST	
051-215-2186																			
051-215-2187																			
051-215-2188																			



# BRAKES

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	writing	reading	speaking	listening	written	oral	performance	self-paced	hands-on	demonstration	lecture	danger to person or equipment	importance	difficulty?	tested?	taught?
051-235-1197																					
051-235-1196																					
051-235-1195																					
051-235-1194																					
051-235-1193																					

DATA OBTAINED FROM \_\_\_\_\_  
 MOS \_\_\_\_\_  
 NUMBER OF RESPONDENTS \_\_\_\_\_  
 TRAINING SPECIALIST \_\_\_\_\_

UNIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	writing	reading	speaking	listening	written	oral	performance	self-paced	hands-on	demonstration	lecture	danger to person or equipment	importance	difficulty?	tested?
051-235-1197																			
051-235-1196																			
051-235-1195																			
051-235-1194																			
051-235-1193																			

DATA OBTAINED FROM \_\_\_\_\_  
 MOS \_\_\_\_\_  
 NUMBER OF RESPONDENTS \_\_\_\_\_  
 TRAINING SPECIALIST \_\_\_\_\_

[illegible]

MOS 621 NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	UNIT	MOS		NUMBER OF RESPONDENTS		DATA OBTAINED FROM	TRAINING SPECIALIST																										
							danger to person or equipment	importance	difficult?	tested?			written	oral	performance	self-paced	hands-on	demonstration	lecture	speaking	listening	reading	writing															
																								danger to person or equipment	importance	difficult?	tested?	written	oral	performance	self-paced	hands-on	demonstration	lecture	speaking	listening	reading	writing
05-235-2203																																						
05-235-2204																																						
05-235-2205																																						
05-235-2206																																						

BRACKES

**TRAINING SPECIALIST**

५५

POWER TRAIN 5

AD-A121 070

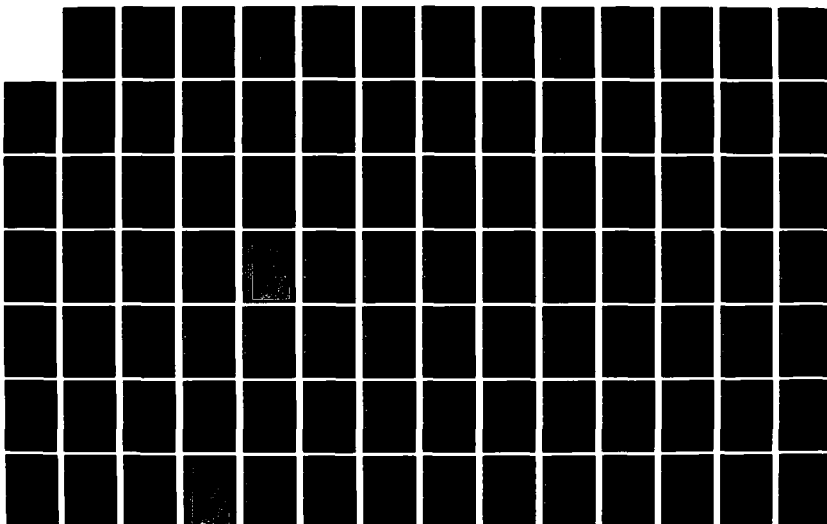
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CONSTRUCTION EQUIPMENT. (U) DEFENSE LANGUAGE INST  
LACKLAND AFB TX ENGLISH LANGUAGE CENTER. 13 MAR 78

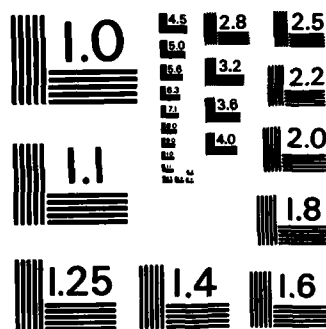
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F/G 5/9

NL





MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A



**TRAINING SPECIALIST**

House TRAVIS

0 W 5 2 2 8 9 1 5

## TRAINING SPECIALIST

TASK	NUMBER
1. Read the passage and answer the questions.	1
2. Write a short paragraph about the main idea of the passage.	2
3. Write a short paragraph about the main idea of the passage.	3
4. Write a short paragraph about the main idea of the passage.	4
5. Write a short paragraph about the main idea of the passage.	5
6. Write a short paragraph about the main idea of the passage.	6
7. Write a short paragraph about the main idea of the passage.	7
8. Write a short paragraph about the main idea of the passage.	8
9. Write a short paragraph about the main idea of the passage.	9
10. Write a short paragraph about the main idea of the passage.	10

6277-532-150

0122-581-150

**1571-735-7231**

7327-557-150

John Wayne

TASK NUMBER						
			001-215-2237			
			001-215-2239			
			001-215-2251			
			001-215-2256			

POWELL 2011/15

[illegible]

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS
		importance	lecture	written	writing
			demonstration	oral	reading
			hands-on	performance	speaking
			self-paced		listening
	difficulty?	danger to person or equipment			
	tested?	importance			
	taught?	difficulty?			

Power 72/72

MOS 621

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

TASK NUMBER	UNIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	MOS		NUMBER OF RESPONDENTS		DATA OBTAINED FROM		TRAINING SPECIALIST	
						danger to person or equipment importance	difficult? tested?						
291-511-140	writing												
	reading												
	speaking												
	listening												
291-511-140	written												
	oral												
	performance												
291-511-140	self-paced												
	hands-on												
	demonstration												
	lecture												
291-511-140	danger to person or equipment importance												
	difficult?												
	tested?												
291-511-140	taught?												

PNEUMATIC EQUIPMENT

NEW MATHEMATICS

[illegible]



En 6 n2

מחבר: ד"ר אברהם יצחק

DATA OBTAINED FROM TRAINING SPECIALIST

[illegible]

## TRAINING SPECIALIST

[illegible]

051-225-1320

051-235-2331

051-745-2332

051-25-1370

57-5622-15 52-515

Conservation of Energy

מבשרים נבחרים

importance	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
difficult?	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
tested?	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

MOS \_\_\_\_\_ NUMBER OF RESPONDENTS \_\_\_\_\_

DATA OBTAINED FROM \_\_\_\_\_ TRAINING SPECIALIST \_\_\_\_\_

writing	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
reading	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
speaking	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
listening	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
written	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
oral	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
performance	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
self-paced	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
hands-on	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

**NUMBER OF RESPONDENTS**

**DATA OBTAINED FROM**

## TRAINING SPECIALIST

TASK NUMBER	UNIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	NOS _____ NUMBER OF RESPONDENTS _____		DATA OBTAINED FROM _____ TRAINING SPECIALIST _____																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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## TRAINING SPECIALIST

11/20/2011

708115 9554117 (32,1066)

MoS/C AS5442 13E, 20E

**TRAINING SPECIALIST**

MS/LS 29455V 27/5/04

**TRAINING SPECIALIST**

TASK	NUMBER
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[illegible]

### APPENDIX 3

#### PERCENTAGE LANGUAGE SKILLS

This appendix contains the computations for the percentages of listening, speaking, reading and writing involved in each cluster.

Some clusters have two sets of computations because some Task Prioritization Forms were received after original computations and had to be added on.

**PERCENTAGE LANGUAGE SKILLS**  
**NOS 628**

FORMULA	LISTENING	SPEAKING	READING	WRITING
TR + (T)(V)(R) = %	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
<b>FIRST AID</b>  051-191-1001 051-191-1002 051-191-1005	$3 \times 5 \times 15 = 225$ 18 19 15 16 26 <hr/> 94 $225 / 94.000 = 418\%$	$3 \times 2 \times 15 = 90$ 3 25 <hr/> 28 $90 / 28.000 = 311\%$	$3 \times 3 \times 15 = 135$ 6 16 22 <hr/> 44 $135 / 44.000 = 326\%$	$3 \times 4 \times 15 = 180$ 19 6 16 14 <hr/> 55 $180 / 55.000 = 309\%$
	42%	31%	33%	31%
<b>NBC</b>  051-191-1031 THRU 051-191-1038	$8 \times 5 \times 17 = 680$ 58 54 42 45 82 <hr/> 281 $680 / 281.000 = 412\%$	$8 \times 2 \times 17 = 272$ 37 67 <hr/> 104 $272 / 104.000 = 382\%$	$8 \times 3 \times 17 = 408$ 14 19 62 <hr/> 95 $408 / 95.000 = 231\%$	$8 \times 4 \times 17 = 544$ 54 14 19 36 <hr/> 123 $544 / 123.500 = 223\%$
	41%	38%	23%	23%
<b>INDIVIDUAL FITNESS</b>  051-191-1061	$1 \times 5 \times 17 = 85$ 7 2 7 11 11 <hr/> 38 $85 / 38.000 = 447\%$	$1 \times 2 \times 17 = 34$ 1 9 <hr/> 10 $34 / 10.000 = 294\%$	$1 \times 3 \times 17 = 51$ 3 0 8 <hr/> 11 $51 / 11.000 = 216\%$	$1 \times 4 \times 17 = 68$ 2 3 0 4 <hr/> 9 $68 / 9.000 = 133\%$
	45%	29%	22%	13%

in = total number of responses to variables in the cluster  
 T = number of tasks in the cluster  
 V = variables  
 R = maximum number of respondents in any task in that cluster

PERCENTAGE LANGUAGE SKILLS  
NOS 62/3

FOR	LISTENING	SPEAKING	READING	WRITING
TR + (T)(V)(R) = %	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
BASIC INDIVIDUAL TECHNIQUES  051-191-1063 051-191-1364 051-191-1365 051-191-1462	$4 \times 5 \times 17 = 340$ 22 17 18 16 34 109 $340 / 109.000$	$4 \times 2 \times 17 = 136$ 11 28 39 $136 / 39.000$	$4 \times 3 \times 17 = 204$ 13 3 24 40 $204 / 40.000$	$4 \times 4 \times 17 = 272$ 19 13 3 11 46 $272 / 46.000$
	32%	29%	20%	17%
CAMOUFLAGE  051-191-1361 THRU 051-191-1363	$3 \times 5 \times 17 = 255$ 16 14 18 7 30 85 $255 / 85.000$	$3 \times 2 \times 17 = 102$ 12 25 37 $102 / 37.000$	$3 \times 3 \times 17 = 153$ 6 3 16 25 $153 / 25.000$	$3 \times 4 \times 17 = 204$ 14 6 3 19 42 $204 / 42.000$
	33%	36%	16%	21%
SECURITY AND INTELLIGENCE	$5 \times 5 \times 17 = 425$ 20 38 30 33 45 166 $425 / 166.000$	$5 \times 2 \times 17 = 170$ 16 42 58 $170 / 58.000$	$5 \times 3 \times 17 = 255$ 7 10 32 49 $255 / 49.000$	$5 \times 4 \times 17 = 340$ 38 7 10 24 79 $340 / 79.000$
	39%	34%	17%	23%
				.19

T = number of responses to variables in the cluster  
 V = number of variables  
 R = number of respondents in any task in that cluster  
 TR = total number of responses to variables in the cluster  
 V = number of variables  
 R = number of respondents in any task in that cluster



PERCENTAGE LANGUAGE SKILLS  
MOS 62/3

TR = total number of responses to variables in the cluster  
T = number of tasks in cluster  
V = variables  
R = maximum number of respondents in any task in that cluster

FORMULA	LISTENING	SPEAKING	READING	WRITING
$\frac{TR + (T)(V)(R)}{TR} = \%$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
LAND NAVIGATION	$5 \times 5 \times 14 = 350$ 19 27 29 23 37 <hr/> 135 $350 \over 135.000$	$5 \times 2 \times 14 = 140$ 10 35 <hr/> 45 $140 \over 45.000$	$5 \times 3 \times 14 = 210$ 8 17 <hr/> 32 57 $210 \over 57.000$	$5 \times 4 \times 14 = 280$ 27 8 <hr/> 17 21 <hr/> 73 $280 \over 73.000$
	39%	32%	27%	26%
M16A1 RIFLE	$6 \times 5 \times 17 = 510$ 32 43 51 42 59 <hr/> 227 $510 \over 227.000$	$6 \times 2 \times 17 = 204$ 24 49 <hr/> 73 $204 \over 73.000$	$6 \times 3 \times 17 = 306$ 25 17 <hr/> 39 81 $306 \over 81.000$	$6 \times 4 \times 17 = 408$ 43 25 <hr/> 17 28 <hr/> 113 $408 \over 113.000$
051-191-1181 THW 051-191-1186				
	45%	36%	27%	28%
LAW	$3 \times 5 \times 12 = 180$ 11 12 <hr/> 7 180 $180 \over 49.000$	$3 \times 2 \times 12 = 72$ 4 <hr/> 12 16 $72 \over 16.000$	$3 \times 3 \times 12 = 108$ 3 5 <hr/> 10 18 $108 \over 18.000$	$3 \times 4 \times 12 = 144$ 12 3 <hr/> 5 4 <hr/> 24 $144 \over 24.000$
051-191-1241 THW 051-191-1243				
	27%	22%	17%	17%

PERCENTAGE LANGUAGE SKILLS  
NOS 62B

FORMULA	LISTENING	SPEAKING	READING	WRITING
$\frac{TR + (T)(V)(R)}{TR} = \%$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
GRENADES  051-191-1302	$1 \times 5 \times 11 = 55$ $\begin{array}{r} 3 \\ 3 \\ 3 \\ 2 \\ \hline 5 \\ 16 \end{array}$ $55 \overline{) 16.000} \begin{array}{l} .291 \\ 55 \end{array}$	$1 \times 2 \times 11 = 22$ $\begin{array}{r} 2 \\ 4 \\ \hline 6 \end{array}$ $22 \overline{) 6.000} \begin{array}{l} .273 \\ 22 \end{array}$	$1 \times 3 \times 11 = 33$ $\begin{array}{r} 1 \\ 0 \\ 4 \\ \hline 5 \end{array}$ $33 \overline{) 5.000} \begin{array}{l} .152 \\ 33 \end{array}$	$1 \times 4 \times 11 = 44$ $\begin{array}{r} 3 \\ 1 \\ 0 \\ 1 \\ \hline 5 \end{array}$ $44 \overline{) 5.000} \begin{array}{l} .11 \\ 44 \end{array}$
	29%	27%	15%	11%
ELECTRICAL SYSTEMS	$16 \times 5 \times 15 = 1200$ $\begin{array}{r} 82 \\ 88 \\ 137 \\ 108 \\ 117 \\ \hline 532 \end{array}$ $1200 \overline{) 532.000} \begin{array}{l} .443 \\ 1200 \end{array}$	$16 \times 2 \times 15 = 480$ $\begin{array}{r} 56 \\ 117 \\ \hline 173 \end{array}$ $480 \overline{) 173.000} \begin{array}{l} .360 \\ 480 \end{array}$	$16 \times 3 \times 15 = 720$ $\begin{array}{r} 74 \\ 47 \\ 101 \\ \hline 222 \end{array}$ $720 \overline{) 222.000} \begin{array}{l} .308 \\ 720 \end{array}$	$16 \times 4 \times 15 = 960$ $\begin{array}{r} 88 \\ 74 \\ 47 \\ 67 \\ \hline 276 \end{array}$ $960 \overline{) 276.000} \begin{array}{l} .287 \\ 960 \end{array}$
	44%	36%	31%	29%
FUEL SYSTEM	$24 \times 5 \times 13 = 1560$ $\begin{array}{r} 83 \\ 67 \\ 137 \\ 89 \\ 127 \\ \hline 501 \end{array}$ $1560 \overline{) 501.000} \begin{array}{l} .321 \\ 1560 \end{array}$	$24 \times 2 \times 13 = 624$ $\begin{array}{r} 51 \\ 127 \\ \hline 178 \end{array}$ $624 \overline{) 178.000} \begin{array}{l} .285 \\ 624 \end{array}$	$24 \times 3 \times 13 = 936$ $\begin{array}{r} 71 \\ 45 \\ 117 \\ \hline 233 \end{array}$ $936 \overline{) 233.000} \begin{array}{l} .249 \\ 936 \end{array}$	$24 \times 4 \times 13 = 1248$ $\begin{array}{r} 67 \\ 71 \\ 45 \\ 82 \\ \hline 265 \end{array}$ $1248 \overline{) 265.000} \begin{array}{l} .212 \\ 1248 \end{array}$
	32%	29%	25%	21%

TR = total number of responses to variables in the cluster  
 T = number of tasks in the cluster  
 V = variable  
 R = maximum number of respondents in any task in that cluster

PERCENTAGE LANGUAGE SKILLS  
MOS 62B

TR = total number of responses to variables in the cluster  
T = number of tasks in the cluster  
V = variables  
R = maximum number of respondents in any task in that cluster

FORMULA	LISTENING	SPEAKING	READING	WRITING
$\frac{TR + (T)(V)(R)}{TR} = \%$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
COOLING SYSTEM	$10 \times 5 \times 14 = 700$ 38 36 69 50 66 259 $\overline{)700}$ 259.000	$10 \times 2 \times 14 = 280$ 35 65 100 280 $\overline{)100.000}$ .357	$10 \times 3 \times 14 = 420$ 24 20 50 94 420 $\overline{)94.000}$ .224	$10 \times 4 \times 14 = 560$ 36 24 20 39 119 560 $\overline{)119.000}$ .212
	37%	36%	22%	21%
HYDRAULIC SYSTEM	$11 \times 5 \times 13 = 715$ 34 35 66 46 65 246 $\overline{)715}$ 246.000	$11 \times 2 \times 13 = 286$ 37 65 102 286 $\overline{)102.000}$ .357	$11 \times 3 \times 13 = 429$ 30 17 55 102 429 $\overline{)102.000}$ .238	$11 \times 4 \times 13 = 572$ 35 30 17 36 118 572 $\overline{)118.000}$ .212
	34%	36%	24%	21%
BRAKES	$16 \times 5 \times 14 = 1120$ 51 49 109 80 106 395 $\overline{)1120}$ 395.000	$16 \times 2 \times 14 = 448$ 53 102 155 448 $\overline{)155.000}$ .346	$16 \times 3 \times 14 = 672$ 48 24 100 172 672 $\overline{)172.000}$ .256	$16 \times 4 \times 14 = 896$ 49 48 24 62 183 896 $\overline{)183.000}$ .212
	35%	35%	26%	20%

# PERCENTAGE LANGUAGE SKILLS

NOS 62B

FORMULA	LISTENING	SPEAKING	READING	WRITING
TR + (T)(V)(R) = %	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
POWELL TRAINS	$23 \times 5 \times 12 = 1380$ 52 72 114 93 108 439 $1380 \overline{) 439.000}$ .318	$23 \times 2 \times 12 = 552$ 49 108 157 $552 \overline{) 157.000}$ .284	$23 \times 3 \times 12 = 828$ 48 41 98 187 $828 \overline{) 187.000}$ .226	$23 \times 4 \times 12 = 1104$ 72 48 41 69 230 $1104 \overline{) 230.000}$ .208
	32%	28%	23%	21%
PNEUMATIC EQUIPMENT	$7 \times 5 \times 13 = 455$ 15 18 32 30 29 124 $455 \overline{) 124.000}$ .273	$7 \times 2 \times 13 = 182$ 8 29 37 $182 \overline{) 37.000}$ .203	$7 \times 3 \times 13 = 273$ 0 0 0 50 $273 \overline{) 50.000}$ .183	$7 \times 4 \times 13 = 364$ 18 10 10 18 51 $364 \overline{) 56.000}$ .154
	27%	20%	18%	15%
ENGINE	$10 \times 5 \times 13 = 650$ 29 35 48 40 44 196 $650 \overline{) 196.000}$ .302	$10 \times 2 \times 13 = 260$ 19 44 63 $260 \overline{) 63.000}$ .242	$10 \times 3 \times 13 = 390$ 26 16 46 88 $390 \overline{) 88.000}$ .226	$10 \times 4 \times 13 = 520$ 35 26 16 24 101 $520 \overline{) 101.000}$ .194
	50%	24%	23%	19%
				123

TR = total number of responses to variables in the cluster  
 T = number of tasks in the cluster  
 V = variables  
 R = number of respondents in any task in that cluster

PERCENTAGE LANGUAGE SKILLS  
MOS 62B

TR = total number of responses to variables in the cluster  
T = number of tasks in the cluster  
V = variables  
R = maximum number of respondents in any task in that cluster

FORMULA	LISTENING	SPEAKING	READING	W
TR + (T)(V)(R) = %	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
LUBE AND SERVICE EQUIPMENT	$2 \times 5 \times 11 = 110$ 7 7 13 11 12 <u>50</u> $110 \overline{) 50.000}$ .455	$2 \times 2 \times 11 = 44$ 2 12 <u>14</u> $44 \overline{) 14.000}$ .318	$2 \times 3 \times 11 = 66$ 5 3 12 <u>20</u> $66 \overline{) 20.000}$ .303	$2 \times 4 \times 11 = 88$ 7 5 3 7 <u>22</u> $88 \overline{) 22.000}$ .25
051-235-1301 051-235-1302				
	46%	32%	30%	25%
STEERING SYSTEM	$7 \times 5 \times 8 = 280$ 19 14 29 28 28 <u>118</u> $280 \overline{) 118.000}$ .421	$7 \times 2 \times 8 = 112$ 5 28 <u>33</u> $112 \overline{) 33.000}$ .295	$7 \times 3 \times 8 = 168$ 9 6 25 <u>40</u> $168 \overline{) 40.000}$ .238	$7 \times 4 \times 8 = 224$ 14 9 6 21 <u>50</u> $224 \overline{) 50.000}$ .224
051-235-1316 THRU 051-235-1320 051-235-2331 051-235-2332				
	42%	30%	24%	22%
CONSTRUCTION EQUIPMENT OPERATION	$5 \times 5 \times 15 = 375$ 21 15 44 40 34 <u>154</u> $375 \overline{) 154.000}$ .411	$5 \times 2 \times 15 = 150$ 6 35 <u>41</u> $150 \overline{) 41.000}$ .273	$5 \times 3 \times 15 = 225$ 23 9 37 <u>69</u> $225 \overline{) 69.000}$ .307	$5 \times 4 \times 15 = 300$ 15 23 9 23 <u>70</u> $300 \overline{) 70.000}$ .233
051-235-1370 THRU 051-235-1374				
	41%	27%	31%	23%
				12%

PERCENTAGE LANGUAGE SKILLS  
NOS 62B

FORMULA	LISTENING	SPEAKING	READING	WRITING
$\% = \frac{TR + (T)(V)(R)}{T}$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
LUBRICATION SYSTEM 051-235-1401 THRU 051-235-1404	$4 \times 5 \times 11 = 220$ $\begin{array}{r} 10 \\ 9 \\ 21 \\ 20 \\ 18 \\ \hline 78 \end{array}$ $220 \overline{) 78.000} \quad .355$	$4 \times 2 \times 11 = 88$ $\begin{array}{r} 0 \\ 16 \\ \hline 16 \end{array}$ $88 \overline{) 16.000} \quad .182$	$4 \times 3 \times 11 = 132$ $\begin{array}{r} 9 \\ 1 \\ 20 \\ \hline 30 \end{array}$ $132 \overline{) 30.000} \quad .227$	$4 \times 4 \times 11 = 176$ $\begin{array}{r} 9 \\ 9 \\ 1 \\ \hline 11 \\ 30 \end{array}$ $176 \overline{) 30.000} \quad .170$
	36%	18%	23%	17%
DISPENSING AND SERVICE UNIT 051-235-2311	$1 \times 5 \times 6 = 30$ $\begin{array}{r} 0 \\ 0 \\ 1 \\ 1 \\ 1 \\ \hline 3 \end{array}$ $30 \overline{) 3.000} \quad .100$	$1 \times 2 \times 6 = 12$ $\begin{array}{r} 0 \\ 1 \\ \hline 1 \end{array}$ $12 \overline{) 1.000} \quad .083$	$1 \times 3 \times 6 = 18$ $\begin{array}{r} 0 \\ 0 \\ 1 \\ \hline 1 \end{array}$ $18 \overline{) 1.000} \quad .056$	$1 \times 4 \times 6 = 24$ $\begin{array}{r} 0 \\ 0 \\ 0 \\ 1 \\ \hline 1 \end{array}$ $24 \overline{) 1.000} \quad .042$
	10%	8%	6%	4%
EXHAUST SYSTEM 051-235-2366 51-235-2367	$2 \times 5 \times 8 = 80$ $\begin{array}{r} 4 \\ 2 \\ 5 \\ 3 \\ 5 \\ \hline 19 \end{array}$ $80 \overline{) 19.000} \quad .238$	$2 \times 2 \times 8 = 32$ $\begin{array}{r} 1 \\ 5 \\ \hline 6 \end{array}$ $32 \overline{) 6.000} \quad .188$	$2 \times 3 \times 8 = 48$ $\begin{array}{r} 2 \\ 0 \\ 5 \\ 7 \\ \hline 7 \end{array}$ $48 \overline{) 7.000} \quad .146$	$2 \times 4 \times 8 = 64$ $\begin{array}{r} 2 \\ 2 \\ 0 \\ 3 \\ 7 \\ \hline 7 \end{array}$ $64 \overline{) 7.000} \quad .109$
	24%	19%	15%	11%

T = number of tasks in the cluster  
V = variables  
R = maximum number of respondents in any task in that cluster

MOS 62B

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#### APPENDIX 4

##### OBSERVATION FORMS

The attached forms were taken to the actual training where observers recorded actual training situations and language used in the training. These forms were used to indicate the CONDITIONS for the Job Language Performance Requirements in this MOS.



DOS

PERSON RECORDING

LOCATION  
(UNIT/AIT)

SUBJECT

\* TASK NUMBER IF KNOWN

Physical Environment of Instruction.

- A. Classroom
  - B. Open Areas (live firefield- mark-up terrain)
  - C. Large enclosed area (bleacher sites)  
(Warehouse size)
  - D. Other
- Comments:

Styles of Communication Instructor, Verbal or

- A. Formal Speech
  - B. Informal Speech
  - C. Regional/Ethnic
  - D. Body Language
  - E. Profanity
  - F. Shop talk/slang
  - G. Non-standard English
  - I. Other
- Comments:

Media of Instruction

- A. Films
  - B. Video cassettes
  - C. Graphic Training Aids (diagrams, etc....)
  - D. Illustrations (requiring reading/not requiring reading)
  - E. Maps
  - F. Mock-ups
  - G. Models/Animate
  - H. Real equipment
  - I. Transparencies
  - J. Tape cassettes
  - K. Training Publications (required/available)
  - L. Signs/Notices
  - M. P.A. System
  - N. Normal Voice
  - O. Soldier's Manual
  - P. Chalkboard
  - Q. Other
- Comments:

Mode of Response

- A. Manipulating a piece of equipment/dev
  - B. Answers (spoken - written)
  - C. Signals
  - D. Performance
  - E. Taking Notes
  - F. Teamwork
  - G. Other
- Comments:

Instructional Ratio

Instructor, one-to-one/class

Peer/one-to-one

Group or Committee Group (group of instructors of whom one teaches one portion of the w

- Small (12 or less)

- Large (more than 12)

Other

Questions

Comments:

APPENDIX 5

STRUCTURAL/LEXICAL LIST

Attached is the list of  
structural and lexical items  
for this MOS.  
(For discussion, see Section II)

## STRUCTURAL ITEMS

### SENTENCE PATTERNS

**SIMPLE:** One subject and one predicate

1. Subject and action verb  
Firer aims.
2. Subject and action verb and direct/indirect object  
Many things cause burns.
3. Subject and linking verb and subjective complement  
This is very important.

**COMPOUND:** Two or more sentences joined by:

1. Coordinating conjunction

Explain the task and ask the trainees if they understand the task, and the conditions they are expected to perform at the end of the session, the conditions under which they must operate, and the standard they must achieve.

2. Conjunctive adverb

Do not start or stop the vehicle while the radio is on or you may damage the set.

3. Semicolon

A light pressure is exerted on the driving spring when the bolt is forward; however, never attempt to cock the gun while the backplate is off and the driving spring assembly is in place.

**COMPLEX:** One or more dependent clauses

1. Adjectival (functions as an adjective by modifying nouns and pronouns)

At the bottom of the map you will find three different bar scales which will help you to change map distance to miles, meters, or yards.

2. Adverbial (functions as an adverb by modifying verbs, adjectives, and other adverbs) The mouth-to-nose method is performed in the same way except you blow into his nose while you pinch his lips closed with one hand.

3. Noun (functions as a noun) The person who is performing artificial respiration quickly blows into the casualty's lungs after each five compressions.

## SENTENCE TYPES

### 1. INTERROGATIVE

(do, does, modal, wh-, tag, inverted)  
But what about the other 15 meters?  
Ask, "What is there?"

### 2. DECLARATIVE

Classified information will not be discussed over the telephone.

### 3. EXCLAMATORY

HALT!

### 4. IMPERATIVE

Issue the challenge in a soft voice and wait for the (requests, commands, second person (singular/plural, negative/affirmative), First and second person (let's)) stranger to reply with the correct password.

### 5. ELLIPSIS:

Split the bracket until fire for effect is possible. Most common type of ellipsis--subject deleted

### 6. FRAGMENT

Movement to occupy a position.  
All other parts.

## ADVERBIAL CLAUSES

### 1. PURPOSES

Training must be conducted so that at least 80% of the students can accomplish the task trained to the standards specified for the task.

### 2. CONTRAST

Although natural terrain features are likely not to change and make good reference points to orient a map, you may also use manmade features such as roads, bridges, etc., to orient your map.

### 3. COMPARISON

Place suitable material under him as well as over him if necessary.

### 4. RESULT

Blending is the use of camouflage materials on, over, and around an object so that it appears to be part of the background.

5. MANNER

Take deep breath and place mouth around soldier's mouth; then blow forcefully as you observe his chest.

6. TIME

When you have to go a certain distance on foot without any landmarks to guide you, you can measure distance pretty accurately by counting your paces.

Split the bracket until fire for effect is possible.

7. PLACE

Loosen clothing at neck, waist, and other places where it tends to bind.

8. CAUSE

Be careful not to depress the trigger, since this will cause the firing pin to be released.

9. ADVERSATIVE

The casualty has no fractures, but has a bleeding wound.

10. CONDITION

If it isn't, your rifle can still fire, but it could possibly explode, causing you harm.

PHRASES

1. GERUND

(upon) Hearing the correct password, give permission to pass if you have no other reasons to doubt.

2. PARTICIPIAL

Using a straightedge draw a line between the two objects.

3. INFINITIVE

To camouflage exposed skin paint the shiny areas with a dark color.

4. PREPOSITIONAL

Under certain light conditions, front sight ports can be seen, but you can't determine whether you are looking through, above, or to the side of the rear sight aperture.

## LEXICAL ITEMS

### ADJECTIVALS

"rifle bore cleaner"  
"waste material"  
"burning residue"  
"semi-fixed ammunition"  
"extracting/loading ammunition"  
"firing hammer"  
"four life-saving steps"  
"chest/heart massage"  
"tourniquet material"  
"field material"  
"field condition"  
"mouth-to-mouth resuscitation"

### ADJECTIVES

#### 1. WORD + ABLE

AVAILABLE

#### 2. COMPARATIVES

Threat main tanks are smaller than the US main battle tanks.

#### 3. SUPERLATIVES

The most dangerous targets are those that see you, have the capability of killing you, and appear to be preparing to engage you.

### PRONOUNS

#### 1. INDEFINITE

Have someone walk the FDL (if enemy situation permits), and determine dead space (sections of FDL where individual drops below line of sight).

#### 2. POSSESSIVE

Shake his shoulder and shout, "Are you OK.?"

#### 3. SUBJECTIVE

This will give you correct nomenclature.

#### 4. OBJECTIVE

It will also give you the correct functioning.

#### 5. REFLEXIVE

Keep yourself clear of the muzzle.

## VERBS

### 1. VERB TENSES

Make sure you clearly understand the task you are to teach.

--You will be tested.

--If they elect to take it, they must complete the test once they have begun the first event or else they will receive a NO GO for the entire test.

--If the soldier is breathing, mouth-to-mouth resuscitation is not necessary.

--When all 10 pebbles have been moved to the left pocket, you have traveled one kilometer.

--Have someone walk the FDL and determine dead space.

--Sensing is an instantaneous determination by the grenadier as to where the grenade exploded.

present progressive verb  
present verb (uninflected, third  
person, indicative)  
past tense (regular/irregular)  
present perfect  
future

### 2. TYPES

intransitive  
(You) train for results.

transitive  
Mask the casualty.

linking  
The skin becomes inflamed.

### 3. VOICE

active

recognize  
protect  
is facing  
remove  
explode  
sounds  
points out  
seen

appear  
seek  
secure  
wear  
mask  
stored  
do require  
could affect

has  
must be  
wipe  
rinse  
put brush  
empty  
reassemble  
reinstall

passive

given  
is protected  
is sprayed

are alerted  
are reported  
have been corrected

are authorized  
be corrected

passive+verb+ing  
"task will be performed  
using procedures"  
modal+passive voice  
"can be determined"  
modal+negative+passive  
"must not be eliminated"

#### 4. MODALS

You must demonstrate, once every 6 months, that you can meet or exceed the minimum level of physical fitness required of each member of your unit in accordance with the standards contained in AR 600-9.

Personnel over the age of 40 may elect not to take the APFT. The pulse should be found in the soft area between the Adam's apple and the large muscle on the side of the neck.

Injury or death could result.

During surveillance the operator will have to adjust the range focus to get a sharp image at different ranges.

"might have to be placed"  
"be"  
"will be given"  
"should be"  
"must"  
"must be"  
"can"  
"can be"  
"may be"  
"should not be"

#### 5. AUXILIARIES

(do, does, negative)

Do not zero in under 100 meters.

If the round does not fall within 5 meters of target, zeroing procedures are called for.



#### GERUNDS

Sensing is an instantaneous determination by the grenadier as to where the grenade explodes with respect to the target.

#### INFINITIVES

To fire, hold the M16A1 in the rest with your right shoulder firmly against the weapon's butt plate.

#### ADVERBS +

##### 1. SUPERLATIVE

When such a line of fire exists, the primary sector will be assigned, based on it, with the FDL being the sector limit closest to the friendly troops.

##### 2. INDEFINITE

The launcher has a heavy coat of oil on working parts, and a light coat of oil elsewhere.

##### 3. FREQUENCY

Apply a little graphite grease to the threads of the antenna section for easy removal and to prevent the sections from seizing if they have been rarely removed.

##### 4. OTHER

Assembly procedure for the grenade launcher merely reverses disassembly steps.

##### 5. COMPARATIVE

The care, cleaning, lubrication and adjustment of the mount used with the gun are no less important.

#### VERBS AND PREPOSITIONS

Line up the key in the receptacle with the slot in the cable connector.

#### VERBS AND ADVERB

(particles)

Put on the protective mask within nine seconds of the chemical alarm and remain in the contaminated area for at least two minutes without making further adjustments to the mask.

## APPENDIX 6

### VOCABULARY (DLIELC IN-HOUSE)

The following vocabulary list was extracted from the Soldier's Manual task by task and then categorized into GENERAL, BASIC AND TECHNICAL vocabulary.

NOT APPLICABLE

REF: On 15 MAY 1981 agreement between  
TRADOC and DLIELC was reached  
that DLIELC In-House Vocabulary  
would not be produced for this  
MOS.

#### APPENDIX 7

Appendix 7 is the machine-generated vocabulary list. It was not useful for our purposes. It is included as a vocabulary reference.

**HEADQUARTERS**

**UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND**

**FORT MONROE, VIRGINIA 23651**

DATA CONTROL NUMBER

Job No / Proj No

628-1



AUG 15 1980

W F A

D L I

108 Sch

600 1

W-10C

DISTRIBUTION 1-454 UNIQUE ITEMS

17,303 RECORDS

16

AIRIAL

116

AIR-OPER

1 AIR-OPER-HYDRAULIC

1 AIR-OPER

1 AIR-OPER

2 AUTOMOTIVE

1 AVAILABLE

1 AXLE

2 AXLES

2 AIRPORT

2 BACK

5 BACKING

1 BACKLASH

2 BACKUP

4 BALL

1 BALLAST

1 BALLS

9 BAND

1 BAND-TYPE

2 BANDS

4 BAR

2 BARBER-GREENE

2 BARREL

1 BASE

4 BASIC

4 BASIC

6 BITTERIES

8 BATTERY

127 BE

BEAD

47 BEARING

17 BEARINGS

3 BECAUSE

3 BEFA

17 BEFCE

3 BEFCE-OPERATION

1 BEGINNING

3 BEING

21 BELL

2 BELLY

6 BELCH

6 BELT

01-0000000000

3 BELTS  
1 BENCH  
4 BENDING  
1 BENT  
1 BENT

1 BEST  
15 BETWEEN  
1 REVEL  
1 REVEN  
1 BINDING

8 BODY  
5 BODY  
3 BOLTED  
14 BOLTS  
2 BOLT

2 BOLT  
1 BOLT/BUCKET  
6 BOLT  
11 BOLTS  
5 BOLT

9 BOLT  
6 BOLT  
7 BOLT  
2 BOLT

1 BOLT  
2 BOLT  
4 BOLT-SPRINGFIELD  
3 BOLT

2 BOLT  
2 BOLT  
2 BOLT  
2 BOLT  
2 BOLT

4 BOLT  
7 BOLT  
2 BOLT  
4 BOLT

1 BOLT  
1 BOLT  
4 BOLT  
2 BOLT

1 CAB  
2 CABLE  
3 CARLS  
4 CARS  
5 CAGE

6 CAL  
7 CALCIUM  
8 CALIBRATE  
9 CALIBER  
10 CAUSHAFT

11 CAN

12 CANOPY

13 CANOPY

14 CAP

15 CAPACITY

16 CAPS

17 CAPSCREW

18 CAPSCREWS

19 CARBON

20 CARE

21 CAREER

22 CAREFUL

23 CAREFULLY

24 CARPENTER

25 CARTRIDGE

26 CASE

27 CASE COVERS

28 CASES

29 CATCH

30 CATFISH

31 CATERPILLAR

32 CATERPILLER

33 CATIONS

34 CATWALK

35 CAUSING

36 CAUTION

37 CEMENT

38 GENERAL

39 CENTER

40 CIL



5 CIRCLE  
14 CIRCUIT  
CIRCUITS  
CIRCULATE

2 CO STING  
CO  
COATING  
COCKS

1 COILING  
COLLAR  
COLCP  
COLUMN

COMBINATION  
CONF  
COMING  
COMMENTS

COMMON  
COMPANY  
COMPIRON  
COMPARTMENT  
COMPLETE

79 COMPLETED  
COMFORT  
COMFORTS  
COMPOSED

1 COMPOUND  
2 COMPRESS  
6 COMPELLED  
3 COMPRESSION  
COMPRESSOR

1 COMPRESSORS  
COMPELE  
6 COMPELE  
4 COMDEC  
2 COMOTION

CONCITIONS  
7 CONDITIONS  
2 CONDUCT  
3 CONE  
3 CONES

CCURPIEM  
CONNECT  
CONNECTING  
CONNECTION  
CONNECTIONS

CONNECTOR  
CONNECTORS  
CONSIDERING  
CONSISTING  
CONSTRUCT

CONSTRUCTION  
CONTACT  
CONTACTS  
CONTAIN  
CONTAINER  
CONTAINERS  
CONTAINS  
CONTAMINATION  
CONTENTS  
CONTINUE

CONTINUE  
CONTINUITY  
CONTINUOUSLY  
CONTINUOUS  
CONTROL

CONTROLLED  
CONTROLS  
CONVENTIONAL  
CONVERTER  
COCL

COCLAMT  
COCLANTS  
COCLF  
COCLING  
COCLIMATE

COCPOINATES  
COORDINATE  
COPPER

CORCANCE

CORF  
CORNER  
CORP  
CORRECT  
CORRESPONDENCE

3 CORROSION  
2 COTTER  
1 COUNSEL  
5 COUN

1 COUNTER-CLOCKWISE  
5 COUNTERCLOCKWISE  
3 CURLING  
2 COUPLINGS  
4 C WASE

32 COVER  
COVER/ROOTS  
COVERING  
8 COVERS  
COVERS/ROOTS

1 CRALING  
1 CUTS  
0 CUP  
10 CUPS  
CURVE

CUT  
2 CUTS  
CYLINDER  
6 CYLINDERS

CJME  
CONDITION  
CONDITIONS  
1 CONCITIONS  
0-7

4 D-7E  
217 D  
DAMAGE  
17 D'W'GED

1 D'PPER  
4 DAPPING  
DASH  
DISHOOT  
1 DATA

7 DAVEY  
2 DAYLIGHT  
DEAD  
DEGRIS

# ACCELERATION

DECK  
DECKING  
DECK  
DECK

DEFECT  
DEFECTIVE  
DEFECTS  
DEFICIENCIES  
DEFICIENCY

DEFINITE  
DEGREE  
DEGREES  
DEL  
DELS

DENIED  
DENTS  
DEPT  
DEPRESS  
DEPRESSIONS

DEPTH  
DELOUCH  
DEPRICK  
DESIGNED  
DESIGNS

DETAILED  
DETERMINE  
DEVELOP  
DEVELOPMENT  
DEVELOPMENT--RECOMMENDED

DEVICE  
DEVICES  
DIAL  
DIAMETER  
DIESEL

~~DIFFERENTIAL~~  
DIFFERENTIAL  
DIGITS  
DIMENSIONS

DIPPING  
DIPSTICK  
DIRECT  
DIRECTION  
DIRECTIONAL

4	DIET
10	DISASSEMBLY
11	DISASSEMBLY
12	DISCHARGE
13	DISCHARGE
14	DISCHARGE
15	DISCHARGE
16	DISCONNECT
17	DISCONNECTING
18	DISCONNECTING
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95	DISCONNECTING
96	DISCONNECTING
97	DISCONNECTING
98	DISCONNECTING
99	DISCONNECTING
100	DISCONNECTING

4	EQUAL
1	EQUALIZER
1	EQUIPMENT
27	EQUIPPED
1	EQUIVALENT
4	EVALUATION
1	EVALUATOR
3	EVERY
1	EVIDENCE
1	EXAMPLE
1	EXCAVATORS
1	EXCEED
2	EXCEEDS
1	EXCEPT
3	EXCESS
6	EXCESSIVE
2	EXCESSIVELY
2	EXCHANGE
1	EXENSION
5	EXHAUST
1	EXIST
3	EXPANDER
1	EXPANDING
1	EXPLANATION
1	EXPRESS
2	EX. END
1	EXTENDED
1	EXTENDING
1	EXTENSION
1	EXTENT
4	EX. FRIC
1	EXTERNAL
1	EXTRACTING
1	EXTRACTOR
1	EXTREME
2	FABRICATE
1	FABRICATED
2	FABRICATING
1	FACET
1	FACILITATE
1	FILING

2 FALLING

17 FIN

4 FIVE

1 FASTEN

5 FEATURE

5 FEATURES

1 EFFECTIVE

2 FIVE

2 FELLER

3 FEET

4 FELT

6 FEMALE

1 FENCE

1 FERENTIAL

1 FERRY

1 FIGATIONS

1 FIELD

12 FIELD

15 FIFTH

6 FIG

6 FIGURE

4 FILL

1 FILLED

5 FILLER

1 FILM

10 FILTER

2 FILTERS

1 FIN

6 FIN'L

1 FIND

2 FINGER

1 FINGERS

1 FINISH

7 FIRST

1 FIRST-HAND

3 FIT

6 FITTING

17 FITTINGS

1 FIXTURE

4 FOLLOW

17 FOLLOWING

4 FOOT

3 FOOT-PCUNDS

10 FIVE

1 FORCE  
1 FORCING  
1 FUSE  
1 FUSEIGN  
14 FURY

21 FORPANCE  
18 FORNED  
10 FOUND  
10 FOURS

1 FURTH  
19 FUEL  
52 FUEL/OIL  
6 FULL  
6 FULLY

1 FUNCTION  
4 FUNCTIONAL  
2 FUNCTIONS  
3 FURTHER  
4 GAA

0 GAIN  
1 GALLONS  
3 GAP  
1 GAR

19 GASKET  
10 GASKETS  
12 GASCLINE  
3 GASCLINE-DRIVEN  
30 GAUGE

2 GAUGES  
1 GAUGING  
53 GEAR  
1 GEARBOX  
1 GEARING

12 GEARS

1 GENERAL  
2 GENERATING

3 GENERATOR  
1 GENERATOR/ALTERNATOR  
17 GIVEN  
5 GO  
5 GOS



1 GOUCE  
27 GOUCE  
8 GOVERNOR  
1 GUYDE  
1 GUTCHES

1 GUN  
4 HILF  
1 MALFMY  
2 HALVES  
3 HAMPER

12 HIND  
1 HIND

6 HINDORE  
HARNISS

3 HARNESSES  
HARNISCHFEGER  
1 HARNISTER

6 HAT  
4 HIVE

1 HAZARD  
2 HEND  
1 HEATED  
1 HEATING  
2 HEAVY

2 HERE  
3 HET-TEMPERATURE  
2 HIGH  
2 HIGHER  
1 HILLOPS

1 HIX  
2 HO  
47 HOIST  
1 HOIST/LOWERING  
2 HOLD

4 HOLDER  
1 HOLDERS  
7 HOLDING  
3 HOLF  
3 HOLES

5 HONE  
1 HONING  
1 HOOK  
1 HOOK  
1 HORIZONTAL

1 HORN  
2 HORNSEPOWER  
3 HORNSE  
4 HORNSE  
5 HORNSE

2 HUGH

1 HULSE  
2 HULSE  
3 HULSE  
4 HULSE

2 HUN  
3 HUN  
4 HUN  
5 HUN

5 HURFF-WARCO  
6 HURFF-WARCO

2 HUN'S

1 HUN'S  
2 HUN'S  
3 HUN'S  
4 HUN'S  
5 HUN'S

53 HYDRAULIC

1 HYDRAULIC  
2 HYDRAULIC  
3 HYDRAULIC  
4 HYDRAULIC  
5 HYDRAULIC

1 I-BFAN  
2 I-BFAN  
3 I-BFAN  
4 I-BFAN  
5 I-BFAN

1 IX  
2 IX  
3 IX  
4 IX  
5 IX

1 JECT  
2 JECT  
3 JECT  
4 JECT  
5 JECT

1 JOINT  
2 JOINT  
3 JOINT  
4 JOINT  
5 JOINT

1 JUSTING  
2 JUSTING  
3 JUSTING  
4 JUSTING  
5 JUSTING

1 JUSTMENTS  
2 JUSTMENTS  
3 JUSTMENTS  
4 JUSTMENTS  
5 JUSTMENTS

1 KETS  
8 KEY  
KEYWAY  
98 KIT  
6 KX-1002

3 LANC  
1 LAR  
4 LARCE  
4 LAY  
4 LEAD

LEADS  
6 LEAK  
LEAK-OFF  
4 LEAK-OFF

14 LEAKAGE  
1 LEAKING  
29 LEAKS  
2 LEAN  
2 LEAST

1 LEAVES  
4 LEFT  
3 LENGTH  
2 LESS  
1 LET

~~LETTERING~~  
5 LETURNEAU-WESTINGHOUSE

40 LEVEL  
2 LEVELS  
34 LEVER  
9 LEVERPS  
5 LIFE

13 LIFTING  
6 LIFTING/LOWERING  
5 LIGHT

1 LIGHTEN  
LIGHTS  
LIFTING  
3 LINDFR  
2 LINDERS

51 LINE  
2 LINEAR  
LINED  
36 LINGS  
35 LINING

3	LININGS
1	LINITY
1	LINK
1	LINKAGE
1	LINKS
2	LIP
2	LIPS
5	LIQUID
4	LIS-CHALMERS
1	LIST
16	LISTER
2	LYX
4	LOID
5	LODER
5	LOADING
5	LOCATE
5	LOCATED
1	LOCATING
5	LOCATION
1	LOCATIONS
20	LOCK
1	LOCKED
1	LOCKER
3	LOCKING
25	LOCKHAUT
3	LOCKNUTS
2	LOCKFING
1	LOCKPIG
1	LOCKPIGGS
1	LOCKNS
5	LOCKWASHER
4	LOCKWASHERS
2	LOCKWIRE
2	LOG
1	LOGICAL
1	LOGI
2	LONG
2	LONGER
2	LOCK
14	LOOSE
22	LOOSFM
1	LOCSFING
1	LOSE
2	LOSS
1	LOST

50	LOW
1	LOW-SPEED
17	LOWER
2	LUM
6	LUMINISCANT
5	LUBRICATE
8	LUBRICATING
5	LUBRICATION
	LUG
3	LV
	LVCT
3	LX
1	LXX
2	L-METER
1	4-22
39	4AR
7	4MACHINE
1	4MACHINEFD
16	4IDE
	4IDE
1	MAGNETIC
2	MATN
1	MATN 2IN
1	MAINTAINED
236	MAINTENANCE
1	MAINTENANCE
	MAJCE
2	MAKE
2	MAKING
7	MALE
23	MAFUNCTION
1	MAFUNCTIONS
2	MALETT
	MALETT
95	MANAGEMENT
2	MANAGE
8	MANEUVER
1	MANEUVERING
1	MANEUVERS

4 MANIFOLD  
6 HANDED  
N K U L  
N U L L  
N U L L

210 MANUPL  
37 MANUFACTURERS  
38 MANUFACTURERS

38 N-P  
412-TEPRAIN

1 MARGINAL  
1 MARIES  
19 MATHIE  
2 MATHIE  
2 MATHIE

6 MATHS  
1 MATHS  
36 MATHS  
1 MATHS  
1 MATHS

1 MATHS  
5 MATERIAL  
2 MATERIAL  
2 MATERIAL

4 MEASURE  
1 MEASURE  
170 MEASURE  
36 MEASURE  
13 MEASURE

6 MECHANISM  
1 MECHANIZED  
20 MECHANIZED  
1 MECHANIZED  
1 MECHANIZED

2 MECHANIZED  
6 MECHANIZED  
1 MECHANIZED  
5 MECHANIZED  
4 MECHANIZED

8 MECHANIZED  
1 MECHANIZED  
1 MECHANIZED  
1 MECHANIZED  
1 MECHANIZED

4 MIL-S-2492

5 MILITARY  
6 WITH JONES  
7 MINFO

8 MINIMUM  
9 MINIMUM  
10 MINUS  
11 MINUTE  
12 MINUTES

13 MISSING  
14 MISSING  
15 MISSING  
16 MISSING  
17 MISSING

18 MOBILE  
19 MODEL  
20 MODELS  
21 MODULE  
22 MODULE  
23 MODULE

24 MONITORED  
25 MOOSE  
26 MUST  
27 MUST  
28 MUST  
29 MUST

30 MOUNT

31 MOUNTAINS  
32 MOUNTAINS  
33 MOUNTAINS  
34 MOUNTAINS

35 MOUNTAINS  
36 MOUNTAINS  
37 MOUNTAINS  
38 MOUNTAINS  
39 MOUNTAINS

40 MOVING

41 MUCH

42 MUFFLER

43 MULTIMETER

44 MULTIPLE

45 MUST

46 MUST

47 MUST

48 MUST

49 MUST

50 MUST

95	OIL	
3	OIL-TYPE	
3	OUT	
	OUT-CF-ROUND	
	OUT-CAFU	
14	OUTER	
1	OUT-FOURIFT	
22	OUTLET	
3	OUTLINED	
9	OUTPUT	
1	OUTSIDE	
27	OVER	
2	OVERALL	
	OVERSCOPE	
	OVERFILLED	
2	OVERSICE	
1	OVER-TIGHTENED	
5	OVERTRAVEL	
19	P&C	
	P-3-66	
2	P/M	
4	P&CE	
1	P&C	
14	P&CKING	
4	P&CKINGS	
2	P&CKNS/SEGMENTS	
3	P&D	
1	P&DS	
2	P&GES	
	PAIRER	
2	P&VPHLET	
5	P&U	
8	P&N&L	
1	P&N&LS	
	P&NS	
10	P&PER	
630	P&RA	
2	P&R&LLEL	
1	P&R	
1	P&RKED	
7	P&RKING	
10	P&RT	
4	P&RTICLES	
1	P&RTICULAR	



99 PARTS/COMPONENTS  
 2 PASSAGE  
 1 PASSAGEWAYS  
 1 PAST

1 PAVING

12 PEUOL

3 PENCIL

6 PIP

1 RECEIVED

55 PERFORM

179 PERFORMANCE

4 PERFORMED

2 PERFORMANCE

PERMINE IT

PERMISSIBLE

5 PERSONNEL

2 PETROLEUM

OFFICE

3 PILLER

7 PILC

23 PIN

2 PINCH

6 PINION

4 PINIONS

23 PINS

3 PIPE

2 PIPES

35 PISTON

5 PISTONS

5 PISC

2 PITTING

1 PIVCT

15 POKET

15 PONY

3 POINTER

7 POINTS

POLISH

1 POLLUTION

4 P38

2 PORT-A-POWER

1 PORTS

48 POSITION  
POSITIONS  
POSTAL  
POST-CHARGING  
POST-PAID

2 POUND  
POUNDS

43 PUNCH  
PUNCHES  
PUBLICATION  
PUBLICATIONS

95 PULL

5 PULLER  
2 PULLERS  
10 PULLEY

PULLEYS  
1 PULLING  
24 PUMP  
12 PUMPED  
12 PUMPS

3 PUNCH

4 PUSH  
PUTTING  
PUMPS

4 QUALIFIED

1 QUICK  
2 RICE  
2 RICES  
5 RICK

9 RADAR

5 RAGS  
1 RAILROADS  
1 RAIN

19 RAISE

4 RAISE/  
27 RAISE/LOWER  
3 RAISED  
RANC

4 NAVIGATE  
3 NEAK  
2 NEAREST  
1 NEATLY  
NEC

NECESSARY  
NECTIONS  
NEED  
NEPDED

NEEDLE  
NEEDLES  
NENTS  
NESS  
NETC

NEUTPAL  
NEW  
NEXT  
NICAL  
NICKS

NITION  
NITROGEN  
NO  
NOISE  
NOISES

NONE  
NCPAL  
NUT  
NOTE  
NOTED

NOTING  
NOW  
NOZZLE  
NOZZLES  
NULL

NUMBER  
NUMBERED  
NUMBERS  
NUMBERS-235-1276  
NUMERICAL

NUT  
NUTS  
NOTE  
NOTING  
DE

7	RANGE
4	CATCHET
4	RYE
4	CA'FO
5	RAT'D
1	RATER'S
1	RATES
1	RATING
1	PA'ING
2	PAWHIDE
4	REACH
2	REACHED
3	REACHES
4	RFID
14	READING
5	READJUST
1	READY
1	REALIGNING
18	REAP
27	REASSUMBLE
9	RECEMPLY
1	RECEPTICLE
2	RECHECK
2	RECOGNIZE
2	RECONNECT
5	RECORD
25	RECORDED
1	RECORDS
1	RECORDED
1	REC.
1	RECTIFIER
1	RECYCLE
1	REDUCE
1	REFLS
2	REFRAGE
2	REFER
4	REFERENCE
97	REFERENCES
3	REFILL
2	REGISTER
1	REGISTERS
4	REGULATING

# REGULATIONS

10 REGULATOR  
5 RELAY  
20 RELEASE  
5 RELEASED

10 RELEASING  
5 RELIEF  
5 RELIEVE  
1 REPAIRING  
1 REPAIRS

1 REMOVE  
2 REMOVAL  
12 REMOVAL  
240 REMOVE

24 REMOVED  
4 REMOVING  
1 REMOVE  
14 REPAIR  
2 REPAIRER  
3 REPEAT  
2 REPAIRING  
20 REPLACE  
3 REPLACED

4 REPLACEMENT  
10 REPLACING  
5 REPLY  
2 REPORTS  
16 REQUIRED

37 REQUIREMENTS  
2 REQUIRES  
1 REQUIRING  
27 RECOVER  
3 RESET

2 RESISTANCE  
2 RESPONSE  
1 RESTORE

## RESULTS

1 RESULT  
14 RESULTS  
2 RETAINERS  
7 RETAINING

1 RETRACT  
1 RETURN  
33 REVERSE  
1 REVERSING  
1 REVOLUTION

1 REVOLUTIONS  
1 RIDGED  
2 RIDGES  
2 RIGHT  
2 RIGHT-HAND

1 RIM  
23 RIMS  
14 RING  
14 RINGS

1 PIVET  
1 PIVETED  
1 PIVETING  
1 PIVETS  
1 PIVOT

1 RODS  
3 RUCKER  
32 ROD  
4 RODS  
10 ROLLER

1 POLYMER-TO-ROLLER  
2 POLYMER  
5 POLYMER-MASTER  
1 POLYMER  
15 POLYMER

14 ROTATE  
5 ROTATION  
5 ROTATION  
1 ROTATION  
1 ROTATION

1 RUBBER  
2 RUBBER  
1 RUBBERING  
2 RUBBER  
2 RUBBER

1 SADDLES  
1 SADDLE  
1 SADDLE  
1 SADDLE  
1 SADDLE



1 SUBSYSTEM  
2 SUBU  
3 SUBU-5202  
4 SUCH  
5 SUTTION

2 SUMS

4 SUITABLE

5 SUM

3 SUMMIES

5 SUM

6 SUPERSTRUCTURE

4 SUPPLY

83 SUPPLY

12 SUPPLETS

12 SUPPLE

4 SURFACE

7 SURFACES

4 SUPERBUILDINGS

11 SUSPENSION

33 SYSEN

33 SYSTEM

33 SYSTEMS

5 T DLT

2 T CHOMETER

6 TAG

3 TAGS

6 TAGGED

6 TAKE

2 TAKING

22 TANKS

6 TANCEM

14 TANK

2 TANKS

2 TAP

2 TAPE

1 TAPED

1 TAPY

244 TASK

3 TASKS



33 TEE

TECHNICAL  
TECHNICAL

237 VERMONT

4 TEE

4 TEETH

9 TEN

1 TEMPERATURE

7 TEMPERATURE  
TEMPERATURE

1 TEN

12 TENANCE

2 TENCE

8 TENSION

4 TEP

TERMINAL

1 TERMINALS

4 TERMINED

4 TEPILLAR

9 TEPERIN

9 TERS

49 TEST  
TEST-COMPLETED

2 TESTED

13 TESTER

6 TESTING

1 TPL

14 TICK

0 TIE

3 TIGHT

32 TIGHTEN

TIGHTENED

TIGHTENING

1 TIGHTLY

1 TILTED

9 TIME

3 TIMES

11 TIMING

1 TONG

2 TIMIDITY  
32 TION  
TIONS  
TIPS  
TYPE

17 TIARD  
6 TIFES  
433 T)  
4 TCF  
1 TGEHNER

3 TGGLE  
5 TOLERANCES  
19 TCH  
3 TONS  
2 TOO

03 TOOL  
3 TOCLS  
TJOTH  
0 TCF  
TOPCGRPHIC

3 TOR  
1 TOSILY  
47 TOLQUE  
TOLQUING  
1 TCE SIGNAL

2 TOTAL  
1 TOTALS  
1 TOUCH  
2 TOUCHES  
1 TOW

1 TOWARD  
1 TUME  
6 TUBES  
3 TURTIG  
1 TUGS

1 TURE  
47 TURN  
4 TURNED  
5 TURNING

5 TURNS  
22 TYPE  
2 TYPED  
1 TYPES  
U-BCLTS

U-200000

UAL

UAG

JFG-08515

UFG-08515

UJMPED

V-RELT

V-RELT

V-RELT

V-RELT

V-RELT

V-RELT

V-RELT

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WEAR  
WEARINESS  
WEAR  
WEARING  
WEATHER

WEATHERWORN  
WEAVER  
WEDGES  
WEIGHT  
WELDED

WELDS  
WELL  
WEST  
WESTINGHOUSE  
WET

WIDELY  
WILL  
WITCH  
WIPER

WIRE  
WIRES  
WIRING  
WISE  
WITH

WITHIN  
WITHOUT  
WOOD  
WOODEN  
WOODKUFF

WORK  
WORKING  
WORKY  
WYNN  
X1

XII  
XIII  
XIV  
XIX  
XV

XVI  
XVII  
XVIII  
XX  
XXI



FREQUENCY/WORD	WORD	FREQUENCY/WORD	WORD	FREQUENCY/WORD	WORD	FREQUENCY/WORD	WORD
474	ARM	422	TO	PARA	RECEIVE	249	RECEIVE
316	ARM	322	SFC	FOR	MODEL	294	MODEL
282	ARM	244	TASK	137	TECHNICAL	230	SYSTEM
217	ARM	214	FORM	152	MEASURES	183	SUPPORT
183	ARM	179	PERFORMANCE	149	TEST	148	HYDRAULIC
149	ARM	126	YOU	127	BE	126	REPLACE
124	ARM	124	PUMP	122	NUMBER	119	FUEL
102	ARM	100	HANDS	107	DIRECT	107	GIVEN
97	ARM	95	CONDITIONS	100	SAT	99	MY
89	ARM	87	MANAGEMENT	95	GIL	90	EQUIPMENT
85	ARM	85	CATERPILLAR	87	REQUIREMENTS	86	MECHANICS
80	ARM	79	WELL	83	MOUNTED	81	CYLINDER
72	ARM	70	COMPLETED	76	COMPLETE	65	CONTROL
62	ARM	62	NECESSARY	55	DEPUT	59	ACTE
59	ARM	58	HOUSING	57	DIESEL	55	PERFORM
54	ARM	54	ROAD	53	GRAP	52	FULL
51	ARM	51	LINE	51	LOADER	51	MINCH
49	ARM	49	COMPONENTS	48	BY	48	POSITION
47	ARM	47	HOIST	47	TOFOU	47	TURN
45	ARM	45	DEFICIENCIES	45	REPAIR	45	GENERATOR
43	ARM	42	DISCONNECT	42	WEAR	40	LEVEL
39	ARM	39	W/B	39	PISTON	39	REVERSE
38	ARM	38	HIP	38	VEHICLE	36	LINES
36	ARM	36	NOT	36	SET	35	PERFORM
33	ARM	33	LEVER	34	HOELS	32	COVER
32	ARM	32	TEC	32	CONNECT	32	CASE
31	ARM	31	MANUFACTURER'S	32	ROC	32	TIGHTEN
30	ARM	30	COMPRESSOR	30	HULL	30	II
28	ARM	28	ROLLER	29	DAMAGE	25	LEAKS
27	ARM	27	DEO	28	OUT	27	EQUIPPED
27	ARM	27	RESERVOIR	27	IV	27	RAISE/LOWER
25	ARM	25	BETWEEN	26	CONSTRUCTION	25	WATER
25	ARM	25	PIN	25	COILING	25	DEVICE
24	ARM	24	NANCE	25	VERIFY	24	COOLANT
23	ARM	23	AGRE	24	REMOVED	23	IX
22	ARM	22	DEERE	25	GUTLET	23	RECEIVED
22	ARM	22	HOW	22	DISASSEMBLY	22	HOSES
21	ARM	21	BELL	22	PULL	22	RING
20	ARM	20	MOVE	22	FORMANCE	22	HOLD
20	ARM	20	HEAVY	21	SUBU-5202	22	UEG-C9915
19	ARM	19	PINS	20	JOHN	20	LOCK
19	ARM	19	DO	20	RELEASE	20	SAFETY
18	ARM	18	RAISE	19	GASKET	19	WEEK
18	ARM	18	REAR	19	DISASSEMBLE	18	FORWARD
17	ARM	17	VIII	18	REAR	19	TENSION
17	ARM	17	DAMAGED	18	XI	17	BEARINGS
17	ARM	17	LOWER	17	FAN	17	FITTINGS
17	ARM	17	PARKING	17	MISSING	17	NUTS
17	ARM	17	TYPED	17	REPAIRING	17	SEALS
17	ARM	17	TYPED	17	VISUALLY	16	SELF

6	ACCT	6	CORP	15	DURING	16	FIG
6	LISTED	6	MODE	16	MARKS	16	REQUIP
6	SERVICABILITY	6	VLT	15	BOLT	15	PURER-WARCO
15	LUBRICATION	15	METAL	15	PAGS	15	ACTARY
15	ONE	15	SOME	15	SUPCOURSES	15	VALVES
15	WOMAN	14	CIRCUIT	14	DISCARD	14	FILL
14	LEAKING	14	LEFT	14	LOOSE	14	CUTER
14	PICKING	14	READING	14	ACTAINER	14	RINGS
14	ROUTE	14	SUITABLE	14	TANK	14	TICK
14	WASHER	14	WASHERS	14	XVI	14	AXLE
13	CAN	13	CENTER	13	COTTER	13	EFFECTIVE
13	DIFF	13	LEFTING	13	MECHANICAL	13	MOUNT
13	WAZLE	13	OF	13	PUMPS	13	SECURE
13	SERVIFE	13	SYSTEMS	13	TENANCE	13	TESTER
12	V	12	XV	12	CONDITION	12	DEFECTS
12	FIELD	12	G.SOLINE	12	H ND	12	MAKE
12	MAY	12	NEUTRAL	12	PEDAL	12	REMOVAL
12	PUSH	12	SD	12	SURE	12	TUBE
12	WIRE	12	WIKES	12	XVII	12	XVIII
11	DEVICES	11	DEVICES	11	GENES	11	XVII
11	LINING	11	LINING	11	MARINE	11	RETURN
11	TIMING	11	TIMING	11	WELDED	11	CAPSCREWS
10	SUSPENSION	10	COMPONENT	10	CONTINUITY	10	CUP
10	CONT	10	DISTANCE	10	FILTER	10	FOUR
10	CURVE	10	HARNISCHFEGER	10	HIGH	10	WALL
10	WIRE	10	NO	10	PAPER	10	PAIT
10	PULLY	10	REGULATOR	10	RELIEF	10	REPLACING
10	RIVETED	10	SAME	10	SEAL	10	SEQUENCE
10	TIE	10	TION	10	VOLTAGE	10	XII
9	WOMAN	9	RACK	9	BLAD	9	ECTH
9	CONVERTER	9	DIFFERENTIAL	9	LEVERS	9	MILITARY
9	CUP	9	REASSEMBLY	9	TEM	9	TERRAIN
9	TIME	9	YOUR	9	BATTERY	9	REGY
9	BUILD	9	COOLER	9	COORDINATE	9	COVERS
9	DEPRESS	9	GAIN	9	GUIDE	9	PUR
9	KEY	9	LUBRICATING	9	WATER	9	MYSTIC
9	NOZZLES	9	PANEL	9	REGULATOR	9	SECURELY
9	SERVICES	9	BOX	9	V-BELT	9	XXVI
9	YOK	9	CONDITIONS	9	BUSHINGS	9	CIP
7	CAPSTER	7	HOLDING	7	CONTROLS	7	CAVEY
7	FAST	7	POINTS	7	MACHINE	7	WALE
7	WEL	7	SURFACES	7	PAGE	7	SEE
7	SERVICABLE	7	WIX	7	TEMPERATURE	7	VENT
7	BATTERIES	7	BELOW	7	XXVII	7	XXIX
6	CAPS	6	COMPRESSION	6	XXVIII	6	CAL
6	CORRECT	6	CYLINDERS	6	DEPRESS	6	CONCRETE
6	FEWALF	6	FIGURE	6	FINAL	6	EXCESSIVE
6	FOREIGN	6	FULLY	6	HARDWARE	6	FITTING
6	JONES	6	KEEP	6	KX-1502	6	MSS
							LEIN

6 LIFT LOWERING  
6 MENT  
6 MENT  
6 SEALANT  
5 SFFS  
5 TAKE  
6 TUBES  
6 TUBES  
3 RCHER  
3 CIRCLE  
3 COUNTERCLOCKWISE  
3 DUTY  
3 FULLER  
3 HELLIGS  
3 LIGHT  
3 LOCATION  
3 MACHINEL  
3 RACK  
3 RELIEF  
3 RECHAMSTER  
3 TABLE  
3 WAREPAGE  
3 XAV  
4 BFT  
4 COINCE  
4 COINCE  
4 DENT  
4 DURING-OPERATION  
4 F  
4 FUNCTIONAL  
4 HELDER  
4 LEAD  
4 LEAD  
4 LEAD  
4 MACHINEL  
4 PERFORMED  
4 QUALIFIED  
4 FEICH  
4 RELEAS  
4 SEAT  
4 CRYSTAL  
4 OUTFACE  
4 TEST  
4 TURNED  
4 X111  
3 BELT  
3 CASES  
3 COINCE  
3 CRYSTAL

6 LUBRICANT  
6 MOTOR  
6 PEX  
6 SECURING  
6 SQUARE  
6 TANGEN  
6 WITHIN  
6 BEING  
5 CONTACT  
5 DIRECTION  
5 EXHAUST  
5 GO  
5 JUST  
5 LIQUID  
5 LOCKWASHER  
5 NICAL  
5 PISTONS  
5 RITES  
5 REAMING  
5 FUGH  
5 TOLERANCES  
5 WATERPROOFING  
4 BALL  
4 BUFFALO-SPRINGFIELD  
4 CABLES  
4 CONNECTION  
4 DIPT  
4 EQUAL  
4 FELT  
4 GIN

6 MANER  
6 MOVEMENT  
6 PINION  
6 SOAP  
6 SUPERSTRUCTURE  
6 TESTING  
6 XIV  
5 WIRE  
5 CORE  
5 DIES  
5 FEATURE  
5 HONE  
5 LETOURNEAU-WESTINGHOUSE  
5 LOADING  
5 LUBRICATE  
5 OVERTRAVEL  
5 PITS  
5 READJUST  
5 REPEAT  
5 SARY  
5 TUNING  
5 WELL  
4 BAR  
4 BURKS  
4 COCKS  
4 CONTAINER  
4 D-TE  
4 DISTORTION  
4 EVALUATION  
4 FOLLOW  
4 LARGE  
4 LINK  
4 MANIFOLD  
4 NAVIGATE  
4 PACKINGS  
4 PATE  
4 REFERENCE  
4 REPLACEMENT  
4 SEPARATE  
4 SUCH  
4 TERPILLAR  
4 NET  
3 CAPACITY  
3 CATHALK  
3 COOL  
3 CONDITIONS

6 MECHANISM  
6 NORMAL  
6 RECCED  
6 SECRET  
6 TAG  
5 TIPS  
5 JACKING  
5 CAUSING  
5 COUNT  
5 DOWN  
5 FEATURES  
5 HCT  
5 LIFT  
5 LOCATE  
5 MATERIAL  
5 PIA  
5 PULLER  
5 RELAY  
5 REPORT  
5 SELECTOR  
5 TURNS  
5 WORKEN  
5 PASTIC  
4 ELITER  
4 COMPANY  
4 CAMPING  
4 DIVISION  
4 EXPIRIOR  
4 FEET  
4 PILE  
4 LAY  
4 LIS-CHALMERS  
4 PRESSURE  
4 NEED  
4 PORTCLES  
4 PUSH  
4 RITEC  
4 REGULATING  
4 ACES  
4 SEPARATOR  
4 SUPPLY  
4 TEE  
4 TOE  
4 WIPE  
3 RECCED-OPERATION  
3 CAMSCREW  
3 CCNE  
3 COORDINATES

175



## WORD FREQUENCY DISTRIBUTION

FREQUENCY/WORD

FREQUENCY/WORD

3	DISCHARGE	3	DISCHARGE	3	DISCHARGE
3	DUCT	3	DUCT	3	DUCT
3	EXPANDER	3	EXPANDER	3	EXPANDER
3	FEET-POUNDS	3	FEET-POUNDS	3	FEET-POUNDS
3	GASOLINE-DRIVEN	3	GASOLINE-DRIVEN	3	GASOLINE-DRIVEN
3	HI-TEMPERATURE	3	HI-TEMPERATURE	3	HI-TEMPERATURE
3	JOLLY	3	JOLLY	3	JOLLY
3	LINGER	3	LINGER	3	LINGER
3	LOCKRAITS	3	LOCKRAITS	3	LOCKRAITS
3	MAKING	3	MAKING	3	MAKING
3	MCUNTS	3	MCUNTS	3	MCUNTS
3	NICKS	3	NICKS	3	NICKS
3	PAC	3	PAC	3	PAC
3	PCINTER	3	PCINTER	3	PCINTER
3	REACHES	3	REACHES	3	REACHES
3	RESFT	3	RESFT	3	RESFT
3	SEATS	3	SEATS	3	SEATS
3	TAGS	3	TAGS	3	TAGS
3	TIMES	3	TIMES	3	TIMES
3	TCR	3	TCR	3	TCR
3	VERTICAL	3	VERTICAL	3	VERTICAL
3	XX	3	XX	3	XX
3	ALICUTIVE	3	ALICUTIVE	3	ALICUTIVE
3	BCCAUSE	3	BCCAUSE	3	BCCAUSE
3	POKES	3	POKES	3	POKES
3	BUMPER	3	BUMPER	3	BUMPER
3	BYPASS	3	BYPASS	3	BYPASS
3	CARE	3	CARE	3	CARE
3	CEMENT	3	CEMENT	3	CEMENT
3	CONNECTORS	3	CONNECTORS	3	CONNECTORS
3	COVERING	3	COVERING	3	COVERING
3	DEVELOP	3	DEVELOP	3	DEVELOP
3	EASILY	3	EASILY	3	EASILY
3	FABRICATE	3	FABRICATE	3	FABRICATE
3	FEELER	3	FEELER	3	FEELER
3	FUNCTION	3	FUNCTION	3	FUNCTION
3	GENERATING	3	GENERATING	3	GENERATING
3	MC	3	MC	3	MC
3	HUNTS	3	HUNTS	3	HUNTS
3	JUSTING	3	JUSTING	3	JUSTING
3	LESS	3	LESS	3	LESS
3	LIP	3	LIP	3	LIP
3	LOCKRING	3	LOCKRING	3	LOCKRING
3	LOGS	3	LOGS	3	LOGS
3	MACE	3	MACE	3	MACE
3	MINIMUM	3	MINIMUM	3	MINIMUM
3	MISSION	3	MISSION	3	MISSION
3	DISCHARGE	3	DISCHARGE	3	DISCHARGE
3	DUCT	3	DUCT	3	DUCT
3	EXCESS	3	EXCESS	3	EXCESS
3	FIT	3	FIT	3	FIT
3	GAP	3	GAP	3	GAP
3	HARNESSES	3	HARNESSES	3	HARNESSES
3	HYDROMETER	3	HYDROMETER	3	HYDROMETER
3	LENGTH	3	LENGTH	3	LENGTH
3	LOCKING	3	LOCKING	3	LOCKING
3	LX	3	LX	3	LX
3	MOISTURE	3	MOISTURE	3	MOISTURE
3	NEAR	3	NEAR	3	NEAR
3	PACK	3	PACK	3	PACK
3	PIPE	3	PIPE	3	PIPE
3	REPORTS	3	REPORTS	3	REPORTS
3	SEATED	3	SEATED	3	SEATED
3	SEVERAL	3	SEVERAL	3	SEVERAL
3	SUN	3	SUN	3	SUN
3	TIGHT	3	TIGHT	3	TIGHT
3	TOOLS	3	TOOLS	3	TOOLS
3	UEG	3	UEG	3	UEG
3	WIRING	3	WIRING	3	WIRING
3	4 G	3	4 G	3	4 G
3	BARREL	3	BARREL	3	BARREL
3	BACK	3	BACK	3	BACK
3	BULLDOZER	3	BULLDOZER	3	BULLDOZER
3	BUT	3	BUT	3	BUT
3	CANNOT	3	CANNOT	3	CANNOT
3	CASE/COVERS	3	CASE/COVERS	3	CASE/COVERS
3	CONNECTING	3	CONNECTING	3	CONNECTING
3	COUPLINGS	3	COUPLINGS	3	COUPLINGS
3	DEPTH	3	DEPTH	3	DEPTH
3	DISTRIBUTION	3	DISTRIBUTION	3	DISTRIBUTION
3	EXCEPT	3	EXCEPT	3	EXCEPT
3	EXTEND	3	EXTEND	3	EXTEND
3	FEETS	3	FEETS	3	FEETS
3	FINGER	3	FINGER	3	FINGER
3	GEARBOX	3	GEARBOX	3	GEARBOX
3	HIGHER	3	HIGHER	3	HIGHER
3	JAN	3	JAN	3	JAN
3	LEAT	3	LEAT	3	LEAT
3	LINEAR	3	LINEAR	3	LINEAR
3	LOCK	3	LOCK	3	LOCK
3	MILLET	3	MILLET	3	MILLET
3	MEMBERS	3	MEMBERS	3	MEMBERS
3	MINUTE	3	MINUTE	3	MINUTE
3	DECK	3	DECK	3	DECK
3	DOORS	3	DOORS	3	DOORS
3	EVCKY	3	EVCKY	3	EVCKY
3	FILTERS	3	FILTERS	3	FILTERS
3	FATHNER	3	FATHNER	3	FATHNER
3	HAYMEK	3	HAYMEK	3	HAYMEK
3	HOLES	3	HOLES	3	HOLES
3	LARD	3	LARD	3	LARD
3	LOCATED	3	LOCATED	3	LOCATED
3	LV	3	LV	3	LV
3	MIXER	3	MIXER	3	MIXER
3	MULTIPLE	3	MULTIPLE	3	MULTIPLE
3	OIL-TYPE	3	OIL-TYPE	3	OIL-TYPE
3	PILLAR	3	PILLAR	3	PILLAR
3	RAISED	3	RAISED	3	RAISED
3	REPLACED	3	REPLACED	3	REPLACED
3	ROCKER	3	ROCKER	3	ROCKER
3	SECREWS	3	SECREWS	3	SECREWS
3	SINU	3	SINU	3	SINU
3	TOYS	3	TOYS	3	TOYS
3	TUBE	3	TUBE	3	TUBE
3	WEETINGHOUSE	3	WEETINGHOUSE	3	WEETINGHOUSE
3	YOKES	3	YOKES	3	YOKES
3	BUBBIT	3	BUBBIT	3	BUBBIT
3	BORNET	3	BORNET	3	BORNET
3	BULGED	3	BULGED	3	BULGED
3	BURNT	3	BURNT	3	BURNT
3	CALIBRATE	3	CALIBRATE	3	CALIBRATE
3	CAREFULLY	3	CAREFULLY	3	CAREFULLY
3	CASTING	3	CASTING	3	CASTING
3	CONTAINERS	3	CONTAINERS	3	CONTAINERS
3	DAYLIGHT	3	DAYLIGHT	3	DAYLIGHT
3	EXCEEDS	3	EXCEEDS	3	EXCEEDS
3	EXCHANGE	3	EXCHANGE	3	EXCHANGE
3	FALLING	3	FALLING	3	FALLING
3	FIND	3	FIND	3	FIND
3	GAUGES	3	GAUGES	3	GAUGES
3	HERE	3	HERE	3	HERE
3	HOUGH	3	HOUGH	3	HOUGH
3	LEW	3	LEW	3	LEW
3	LEAN	3	LEAN	3	LEAN
3	LINDERS	3	LINDERS	3	LINDERS
3	LIX	3	LIX	3	LIX
3	LONG	3	LONG	3	LONG
3	M-H	3	M-H	3	M-H
3	MAYE	3	MAYE	3	MAYE
3	MINUTE	3	MINUTE	3	MINUTE













1 AGN  
 1 ADVANCED  
 1 ADVANCEMENT  
 1 AFTER  
 1 AFTER-OPERATION  
 4 AGAIN  
 9 AGAINST  
 3 AGE  
 1 AGED  
 1 AGENT  
 9 AL-J  
 1 ALCOHOL  
 7 ALIGH  
 1 ALIGH-J  
 2 ALIGNED  
 1 ALIGNING  
 10 ALIGNMENT  
 12 ALINE  
 2 ALINED  
 2 ALING  
 1 ALPALINITY  
 233 ALL  
 2 ALLCH  
 2 ALLIS-J  
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 1 ALLOWING  
 2 ALLONG  
 2 ALREADY  
 2 ALS  
 1 ALSO  
 3 ALWAYS  
 49 AMERICAN  
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15	AREA
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5	ARM
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4	BLEEDER
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1	PLUG
4	PLY
15	SHACKET
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1	CRUMETER

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1 C930A  
1 D

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1 CC  
2 DA-600  
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1 ELIMINATED  
1 ELLIPT

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2	INCREASE
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1	INFLATING
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1	KNOWN
1	KSE



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JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS 62B  
CONSTRUCTION EQUIPMENT. (U) DEFENSE LANGUAGE INST  
LACKLAND AFB TX ENGLISH LANGUAGE CENTER. 13 MAR 78

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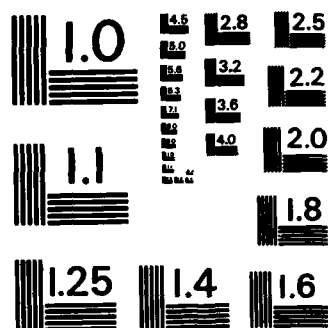
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MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A

LSPECT

1 LSL  
1 LST  
2 LS2  
2 LS3  
2 LS4  
3 LS5  
3 LS6  
4

HL-9-11031

PL5URPV

M32T2

M32T2

M4EO

M4EOC

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DE-J

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1	PLATED
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3	PLIERS
1	PLOT
1	PLETTED
1	PLUTTING
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2	PREPARE
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2	PRESENT
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1	PRESSED
1	PRESSING
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2	PRESSURIZED
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1	PREVENTING
2	PRATE
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1	PRINTED
1	PRION
4	PRU- J
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1	PPRODUCTS
2	PRUMIMENT
1	PRUMPTLY
11	PRU- J
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9	PROPERLY
1	PROTECTION
9	PROTECTIVE
1	PRCTECTORS
1	PROVIDE
1	PROVIDED
2	PRY
23	PSI
2	PT

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2	SLAVE
7	SLAVING
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6	SLIDE
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6	SMALL
1	SMALLEST
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1	STRENGTHS
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1	STAMPED
8	STROKE
1	STROKES
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1	SAC
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1	TUC
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8	THAN
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3	THEN
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1	THEREFORE
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1	THESE
1	TWIRD
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53 GRADER  
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26 PLATE  
25 FRONT  
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17 SCHEMATICS  
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14 PNEUMATIC  
14 SLEEVE  
13 BRAKES  
13 INNER  
13 UNDER  
12 CLUTCHES  
11 ALLIS-CHALMERS  
11 INJECTION  
11 STRIP  
10 ASSEMBLE  
10 OPERATE  
9 FLOOR

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7	OPERATING	9	PLANET	9	PLATES	9	PROPELLER
6	PROPERLY	9	SHOE	9	STANTER	9	THERMOSTAT
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9	CHAI	8	CHAMBER	8	CHARACTIS	8	CRACKED
4	ENGAGING	8	FREE	8	GREASE	8	INSERT
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3	SLIDE	8	STROKE	8	THAN	7	ALIGN
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6	ENTER	6	ONLY	6	OPERATOR'S	6	PRECAUTIONS
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3	ENTRIES	5	FLANGE	5	FRAYED	5	GROOVE
3	INCHES	5	INDOORER	5	ITS	5	M320T2
3	DPE, I, G	5	OPERATIONAL	5	PLUGGER	5	PRESCRIBED
3	SQUARES	5	SCURING	5	SHAPRING	5	SPIDER
3	STANDARD	5	STATED	5	STC-AGE	5	SWITCHES
3	T-ON HUGLY	5	TRANSMISSIONS	5	TREADLE	5	UNIVERSAL
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4	ANTIPEEZE	4	APPROXIMATELY	4	ASSISTANT	4	AWAY
4	BLADES	4	BLEEDER	4	ELY	4	CHECKS
4	CHIPPED	4	CRANKSHAFT	4	CROSS	4	DRAG
4	DRAULIC	4	DIP	4	DTE	4	ENLISTED
4	FLANGED	4	ENG	4	IGNITION	4	INREDD
4	IN- J	4	INDICATE	4	INDICATED	4	INJECTORS
4	INTERMENT	4	INTERPRET	4	PREDETERMINED	4	M400C
4	MENTED	4	ORIENTED	4	PRO- J	4	PERFORMED
4	PHLEET	4	PRIMARY	4	SPARK	4	SHIMS
4	SLOWLY	4	SMITH	4	THERE	4	SPECIFIC
4	SPECIFIED	4	STEPS	4	WHEEL	4	THREADS
4	TRACK	4	USED	4		3	ABOUT
4	ACCELERATOR	3	ACCURATELY	3	ACTION	3	ADJUST- J
3	ALWAYS	3	AMOUNT	3	AND/OR	3	ANGLE
3	APPLIED	3	BLACK	3	CLEANING	3	CLEVIS
3	ENGINE'S	3	ESCAPE	3	CPH	3	INDIVIDUAL
3	INK	3	INSIDE	3	INSTALLING	3	INSTRUMENTS
3	INSURE	3	INTERVAL	3	LS5	3	LS6
3	N	3	OBERVE	3	OLD	3	ORIENT
3	PLAYFOR	3	PLIERS	3	SURROUNDING	3	SHUT
3	SLIP	3	SPAINER	3	STALL	3	STANDS
3	STRIKE	3	TB	3	THE-	3	THD- J
3	THROUGHT	3	TRANSFER	3	TRUCK-MOUNTED	3	X4
2		2	N31041E 0 # G	2	ACCESSORY	2	ACTUAL

FREQUENCY/WORD

FREQUENCY/WORD

UTIN  
CY/WORD

DATE 00200 0910  
FREQUENCY/WORD

ADDED 2  
ALIGNING 2  
ALOR- 2  
APP-PAI- J 2  
ATE 2  
BLUCCATIG 2  
CHALIFAS 2  
CLEANERS 2  
DR-CC 2  
DPUNS 2  
ELEMENT 2  
ESTABLISH 2  
FLUSH 2  
GRAPHIC 2  
INCREASE 2  
INTERMEDIATE 2  
MIDM 2  
LSA 2  
OBJECTS 2  
OP- J 2  
PLUS 2  
PRATE 2  
PT 2  
SCULP-TYPE 2  
SHORTEN 2  
SLAVE 2  
S-APPLINGS 2  
SPDCL 2  
STRAILER 2  
THREAD 2  
THASPI- J 2  
ULCAGING 2  
ALF 1  
ACCELERATE 1  
ACCU- J 1  
ADAPTERS 1  
AGE- 1  
ALKALINITY 1  
APOTHER 1  
AREAS 1  
ASS-IBLE 1  
ASSISTANCE 1  
BLON 1  
BNUZE 1  
CHARGED 1  
CHLORIDE 1  
CLEVISES 1  
CLOSED 1  
CLUTCH/PRAKE 1

ALIGNED 2  
ALLEN 2  
ALREADY 2  
AS- J 2  
ATTACHED 2  
BRAKING 2  
CHAMBERS 2  
CLEAR 2  
URAH 2  
U7 2  
ENG-3 2  
FLARE 2  
FPANK 2  
GRAY 2  
INDICATIONS 2  
INTERNAL 2  
LST 2  
UG- J 2  
UBTAIN 2  
OPERATIONS 2  
PRES- J 2  
PROCEDURE 2  
SCRATCHES 2  
SHOW 2  
SLIDING 2  
SLAVE 2  
SPACER 2  
STEP 2  
STUDS 2  
THREADED 2  
TREATMENT 2  
UNSCREW 2  
ABNORMAL 1  
ACCELERATION 1  
ACCU- J 1  
ADDING 1  
ADVANCED 1  
ALCOHOL 1  
ALLOWS 1  
APPLYING 1  
ARRIVAL 1  
ASSEMBLING 1  
ASSOCIA- J 1  
BRAKESHUE 1  
CHANGED 1  
CHATTER 1  
CJT 1  
CLIPS 1  
CLOSEST 1  
CRANES 1

ALIVE 2  
ALLIS- J 2  
ALS 2  
AS- J 2  
ATTENTION 2  
BREATHIER 2  
CHARGE 2  
CLUTCH-DRIVEN 2  
DRIVER 2  
ECCENTRIC 2  
ENGAGED 2  
FLAT 2  
FSN 2  
GROOVES 2  
INSTALLED 2  
ITY 2  
LS2 2  
OBJECT 2  
OBTAINED 2  
PLA-ETARY 2  
PRESENT 2  
PRO-IENT 2  
SCALES 2  
SCREEN 2  
SHO- 2  
SLIGHT 2  
SPECIAL 2  
SPECIAL 2  
SWING 2  
TRAITS 2  
TROUBLE 2  
X24 2  
ABSTERS 1  
ACCESSARY 1  
ACCURACY 1  
ADDITION 1  
ADVANCEMENT 1  
ALIGN- J 1  
ALSH 1  
APPD- J 1  
ARRIVED 1  
ASSIGNED 1  
ATMOSPHERE 1  
BREAKER 1  
CHAPTER 1  
CHECKED 1  
CL 1  
CLOCK- J 1  
CLOSING 1  
CRANKCASE 1

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ALLOWING 2  
ANTITORQUE 2  
ASSOCIATION 2  
BLEED 2  
CHAINS 2  
CHROMATE 2  
CRIB 2  
DRIVING 2  
EDGE 2  
ENTRANCE 2  
FLCATING 2  
GRADE 2  
IMPROPER 2  
INSULATION 2  
KNOBS 2  
LS3 2  
OBJECTIVE 2  
ONCE 2  
PLEATED 2  
PRESSURIZED 2  
PRY 2  
SCHEMATIC 2  
SCRIBE 2  
SHROUD 2  
SLIGHTLY 2  
SPECIFICA- J 2  
STRAIGHTEDGE 2  
T 2  
TRANSFER 2  
TWEEN 2  
ABIL- J 1  
AC- J 1  
ACCOMPLISHMENT 1  
ACTUATORS 1  
ADMINISTRATION 1  
AGED 1  
ALIGNING 1  
ANALYZE 1  
ARROW 1  
AS- JSEMBLY 1  
ASSIGNMENTS 1  
BLANK 1  
BRIEFLY 1  
CHARGE 1  
CHIPPING 1  
CLEARS 1  
CLOGGED 1  
CLOTH 1  
CRIMP 1

1	CRITICAL	1	CROMETER	1	CRO4	1	C4
1	DC	1	UG	1	DRAINAGE	1	ORAINED
1	DEALIS	1	URESS	1	DRIFT	1	DRDP
1	DEJFS	1	UO	1	E90	1	ELECTRHYDRAULIC
1	DELLERATED	1	ELLIOT	1	ELLIOTT	1	EMBEDDED
1	EMERGENCY	1	EMERY	1	EN	1	ENCOUNTERED
1	EMIDIG	1	ENGI-NE	1	ENINGS	1	ENSURE
1	EMTY	1	ERATION	1	ESSARY	1	ESTIMATION
1	ETV	1	E90-ON	1	FLANGES	1	FLATOR
1	FLAT	1	FLUCTUATING	1	FLY- J	1	FMS-6281/2
1	FRACTURES	1	FREE-TRAVEL	1	FREELY	1	FREQUENCY
1	FIS-34	1	GLAZED	1	GLOSSARY	1	GRADUALLY
1	GRASP	1	GRATING	1	GRAVITY	1	GREATER
1	GRASER	1	GROUND	1	H8G	1	HDC
1	HP	1	IDENTIFY	1	IDENTITY	1	IG- J
1	ILLUSTRATED	1	IMPENDING	1	IMP-RTANT	1	IN- JSTALLED
1	IMBAND	1	INCH	1	INCLUDING	1	INDICATES
1	INDICATION	1	INDIVIDUALS	1	INFLATE	1	INFLATING
1	INFLAMATION	1	INGER- J	1	INGERSOLL	1	INJEC- J
1	INOPERABLE	1	INSPECTED	1	INSTALL- J	1	INSTALLER
1	INSTRUCTION	1	INSURING	1	INTAKE	1	INTERCHANGED
1	INTERVENTIONAL	1	INTRODUCTION	1	IRON	1	ISSUED
1	ITEMS	1	JD4LO	1	KNOT	1	KNOWLEDGE
1	KAD...	1	K3E	1	LHSPECT	1	LSL
1	KL-3-11031	1	M250RPV	1	M32172	1	M460
1	DESERVED	1	DC	1	OCCURS	1	OFF-HIGHWAY
1	ONE-HALF	1	OPENED	1	OPE S	1	OPERA- J
1	OPERATION	1	OPERATIONS	1	OPPT- J	1	OPY
1	ORIGINATE	1	ORIENTATION	1	OP915	1	PCV
1	PLUTJURAPH	1	PLACED	1	PLATED	1	PLOT
1	PLUTTEU	1	PLOTTING	1	PLUGGED	1	PLUNGERS
1	PNE- J	1	PREDETER- J	1	PREDAD	1	PREDOPERATIONAL
1	PRESSED	1	PRESSING	1	PREVENTING	1	PRIMED
1	PRIPTED	1	PRIOR	1	PRECEDING	1	PRODUCTS
1	PROPTLY	1	PROTECTION	1	PROTECTORS	1	PROVIDE
1	PROVIDED	1	P3-4	1	P5-1	1	SCAFIRE
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1	SCREHEADS	1	SHIFTING	1	SHIMMENT	1	SHOCK
1	SPECKS	1	SHOE-TYPE	1	SHORT	1	SHOULDER
1	SPUT	1	SHUTDOWN	1	SHUTTLE	1	SLEEVES
1	SLIC- JING	1	SLING	1	SLINGER	1	SLIPPING
1	SLIPRAING	1	SLUT	1	SLUTS	1	SLCW
1	SLUDGE	1	SMALLEST	1	SMETH	1	SMOOTHLY
1	SPACERS	1	SPECI- J	1	SPECIFI- J	1	SPECTION
1	SPELDED	1	SPILL	1	SPI	1	SPLINE
1	SPLIT	1	SPRUCKET	1	STABLE	1	STALLED
1	STANTS	1	STATIONARY	1	STEADY	1	STEPPING
1	STORE	1	STOPLIGHT	1	STOPPED	1	STOPS
1	STRAIN-THNESS	1	STRAIN	1	STRAVARDIS	1	STRAP
1	STRAPS	1	STRENGTHS	1	STRKING	1	STRIPPED

FREQUENCY/WORD

1 1 STAL

1 1 TUC

1 1 THAD

1 1 THAS-J

1 1 THUCK-UNITED

1 1 UN-J

1 1 UN-AL

1 1 UN-LICK

1 1 UN-SIGNED

1 1 UPPEL

1 1 XL

FREQUENCY/WORD

1 1 STRUCTURE

1 1 T020

1 1 THU-JRUGHLV

1 1 TRASHIS-J

1 1 TRY

1 1 UNDERSTAND

1 1 UNLESS

1 1 UNLUCKED

1 1 UNSECURE

1 1 UTILIZING

1 1 XL

FREQUENCY/WORD

1 1 SWIVEL

1 1 THEREFORE

1 1 THREE

1 1 TRANSHITTERS

1 1 TUG-WHEEL

1 1 UNIT'S

1 1 UNLAD

1 1 UNPLUG

1 1 UNSERVICEABLE

1 1 WRECKES

1 1 XLVIII

DATE 00200 091

FREQUENCY/WORD

1 1 S30

1 1 THOSE

1 1 TRAIT

1 1 TRAPPED

1 1 UMN

1 1 UNITL

1 1 UNLOADER

1 1 UNSAFE

1 1 UPON

1 1 WRONG

1 1 X12



# HEADQUARTERS

DATA CONTROL NUMBER

JOB NO / PROJECT NO

## UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

WCA

OCT 22 1960

DLI

ENV



62B SL1

PREF BY: OPERATIONS DIV. DPFO

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# SEQUENTIAL DATA MANAGER

MOS 62B S LL 1

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3	HUNT	TRN	81
3	LOZ	TRN	81
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4	XV	TRN	81
4	XIX	TRN	81
4	XXVIII	TRN	81

MASTER READ 7387  
 LRECL 32  
 BLKSIZE 3136

TRANS READ  
 LRECL  
 BLKSIZE

750  
 80  
 8000

UPDATED RECORDS 1602  
 LRECL 32  
 BLKSIZE 3136

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1	ALLAST	62.1							
1	BAND	62.6	372.3						
1	BATTERY	62.6	4.2						
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1	BELLY	62.2							
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[illegible]



[illegible]

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Addit WCA

HEADQUARTERS

DATA CONTROL NUMBER

JOB NO / PROJECT NO

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

WCA

JAN 9 1981

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MOS-626

Skill Level 1

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ATDP FORM 109 September 1978, Jan 79, which is obsolete







1	ANGLE	62.1	
2	ANTITHROMB	62.2	
3	APPLIED	62.3	
4	ARMY	372.1	62.14
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7	APPROVED	354.1	62.14
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12	ARMING	62.2	
13	CHANGED	62.1	
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HEADQUARTERS

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

DATA CONTROL NUMBER

Job No. Proj No.

62UB-2

ENG SCH

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62UB 962

CL 72

IP FORM 109-1 Replaces ATDS 110-1, Feb 75.

PREPARED BY: OPERATIONS DIV.

1705 6 17 11:11 AM

3,780 RECORDS

UNIQUE ITEMS

FREQUENCY DISTRIBUTION

WORDS

1	6	
30	ATP	
3	AVOID	
1	AXLE	
1	RACK	
3	BACKLASH	
2	PALLANCE	
1	BALL	
1	BALLS	
1	BAR	
1	BATH	
11	BE	
3	BEARING	
30	BEARINGS	
1	BEARINGS/BALANCE	
1	BEFORE	
4	BEFORE	
1	BEFORE-OPERATION	
1	BEHIND	
1	BEING	
1	BENT	
3	BETWEEN	
5	BODY	
8	BOLTS	
1	BOLTS/SCREWS	
6	BONE	
2	BOTH	
1	BOTTOM	
3	BOX	
1	BUMPING	
2	BUSH	
2	BUSPS	
1	BUSHING	
2	BUSHINGS	
3	BUTT	
2	BUTT-WELD	
8	BY	
1	BYPASS	
1	CABLE	
1	CABLES	
1	CAGE	
2	CAGES	
2	CAL	
5	CAM-SHAFT	

11 11 11 11 11

1. CASH/PAID/BALANCE

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COMMENTS

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CONTROL

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CONTROLS

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2

1	COTTER
2	COUNTERBORE
1	COUNTERCLOCKWISE
1	COUNTERWEIGHTS
3	COUPLING
1	COUPLING/
1	COUPLINGS
17	COVER
1	COVER/FLYWEEL
3	COVERS
1	CURRENT
3	CUT
1	CUTS
6	CUTTING
28	CYLINDER
1	CONDITIONS
2	D-7
21	DA
1	<del>DAMAGE</del>
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9	DAMAGED
4	DAVEY
4	DED
1	DEERF
21	DEFECTIVE
11	DEFECTS
3	DEPOSITS
34	DEPOS
1	DEPTH
7	DERRICK
9	DEVICE
1	DEVICES
4	DIAL
1	DIAVETER
1	DIAETERS
2	DIAPIRACH
1	DIAHPAGHS
10	DIESEL
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56	DIRECT
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1	<del>DIRECTIONS</del>
1	<del>DIRECTIONS</del>

DISASSEMBLE  
DISASSEMBLY

DISCARD  
DISCONNECT  
DISPENSING  
DISTANCE  
DISTORTION

DISTORTIONS  
DITCHING

DO  
DOCS  
DOWEL

DOWN  
DUE  
DURING  
EITHER

EQUIPMENT

EQUIPPED  
EQUIPMENT

EXCESSIVE  
EXCESSIVELY

EXHAUST  
EXTEND  
EXTENDER  
EXTREME  
FABRICATED

FACE  
FACES  
FACIAL  
FAR

FAULTS  
FELT  
FIELD  
FIG  
FILL

FITTINGS  
FIXTURE  
FOLLOW  
FOLLOWING  
FOP



1 FORGING  
1 FORD  
2 FOREIGN  
3 FORD  
3 FUEL

9 FULL

2 FULL-TRACKED

1 FUSION

6 GAIN

1 GAP

4 GAS

5 GASKET

10 GASKETS

2 GAUGE

21 GEAR

8 GEARS

1 GEARS/BALANCE

1 GEARS/COUNTERWEIGHTS

55 GENERAL

2 GINE

2 GIVEN

3 GOGGLES

1 SWORDS

1 CUTS

1 H-SUCH

1 HELFWAY

1 HALVES

2 HAMMER

1 HAND

3 HARDWARE

1 HAS

23 HEAD

2 HEATING

2 HEAVY

1 HELMET

2 HIGH

1 HOIST

2 HOLES

6 HIND

1 HOSDS

2 HOSE

2 HDSS

3	NOT
1	HUGH
11	HOUSING
1	STINGS
2	EP-MARCO
5	HYDRAULIC
8	II
5	III
7	IV
5	IX
2	JCHA
1	JOURNAL
2	JOURNALS
16	KENCSENE
2	KIT
2	LAPPING
1	LAR
2	LAY
2	LEADS
2	LEAKAGE
1	LEAKS
1	LEVEL
4	LIFT
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5	LIGHT
1	LIGHTLY
1	LINE
2	LINER/SLEEVE
1	LINERS/SLEEVES
7	LIPFS
1	LITINGS
5	LINK
3	LINKAGE
1	LIP
1	LIS-CHALMERS
2	LISTED
1	LCAD
8	LOADER
1	LOCATED
1	LOCATION
1	LOCKNUT
2	LOCKWASHERS
1	LONG

1	LOCSEN
7	LOW
2	LOW-SPEED
6	LOWER
4	LURFICATE
1	LUBRICATING
7	MACHINE
1	MACHINER'S
2	MACHINED
3	MADE
4	MAIN
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1	MARK
3	MARKS
1	MASTER
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4	MICROMETER
3	MILITARY

1	WILL
1	TILLING
3	MINIMUM
1	MISSION
10	MCRAIL
86	MOFL
1	MODELS
2	MOISTURE
7	MOTORIZED
6	MCUAT
16	MOUNTED
19	MOUNTING
2	MW
1	MVES
1	MOVING
20	MUST
22	NANCE
22	NECESSARY
1	NENTS
7	NEW
1	MCLES
3	NOT
15	NOTE
1	NOTED
22	NUMBER
1	NUMERICAL
2	NUT
2	NUTS
10	OE
25	OIL
6	OUT
5	OUTFIT
2	OUTLET
3	OVER
1	OXIDIZED
4	OXACETYLENE
2	OXYGEN
4	PCH
8	PACKING
7	PACKINGS
1	PAIR
3	PAN
2	PANEL

1 PANELS  
1 PAPER  
1 PARA  
1 PARS  
1 PARSONS

38 PARTS  
PASS  
PERFORM  
34 PERFORMANCE

PERFORMED  
PERFORMANCE  
PILOT  
PIN  
PINS

1 PINS/  
2 PIPE  
1 PIPES  
15 PISTON  
2 PISTONS

1 PITS  
1 POCKETS  
1 PUCK  
1 PGRATION  
1 POSITION

1 POSITIVE  
1 POSITION  
2 POST  
2 PULL  
1 PULLER

12 PUMP  
1 PUMPS  
3 PUSH  
2 PUT  
1 RADIAL

1 RADIATOR  
3 RAG  
1 RAIN

REACJUST

2 REIMER  
3 REAP  
10 REASSEMBLE  
1 REASSEMBLED  
1 REASSEMBLING

5	REASSEMBLY
18	REFERENCES
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1	REGULATORS
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1	RELIEF
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1	REPCVCS
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1	REPLACEMENT
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1	RETRYING
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2	RIDGE
1	RIDGES
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5	RICKER
9	RUD
6	RUDS
3	ROLLER
2	RORR
9	ROTARY
1	ROTATE
2	ROTATING
1	ROTATION
2	ROTOR
2	ROTORS
1	ROUGH
1	ROUGHLY
1	ROUGHNESS
1	RUPPED
1	RUN
1	RUNCUT

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1	TILTS
4	TIMING
2	TICK
1	TICNS
2	TIP
2	TIRE
2	TIRED
1	TIRES
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3	TOLERANCE
3	TOLERANCES
11	TON
1	TOC
26	TOGL
2	TOGLS
4	TOP
3	TORCH
14	TOSCUE
1	TOSCUE
1	TOSCUE
1	TOSCUE

1	TOWARD
1	TOWELS
0	
1	ES
1	1000- J000-LARGER
4	TUPPINE
1	TU
2	TU-RECHER
7	TURN
4	TUENING
2	TURNS
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6	UAL
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1	V-PICKINGS
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4	VALVES
1	VINE
2	VINES
1	VARY
1	VAT
0	VEHICLE
4	VEHICLES
1	VEN
13	V!
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7	VIII
2	WARPAGE
4	WASHER
1	WASHERS
3	WATER
8	W20
1	WEIGHT
6	WFLO
1	WELDED
2	WELDER
5	WELDING
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1	WISE
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2	WITHOUT
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26 OIL  
23 NEED  
22 NECESSARY  
22 GIVEN  
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22 KIT  
22 MOTE  
22 CORRESPONDENCE  
22 LISTED  
22 DEFECTS  
22 METAL  
22 DIESEL  
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22 CONTROL  
22 FUEL  
22 BLADE  
22 II  
22 SUMCOURSES  
22 CORRECTING  
22 LINES  
22 MOTORIZED  
22 TURN  
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22 OUT  
22 DIAL  
22 AGDY  
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22 IX  
22 OUTPUT  
22 SEATS  
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25 OIL  
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22 NUMBER  
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22 TYPE  
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22 MECHANICS  
22 VI  
22 SAFETY  
22 DISCARD  
22 SUBCOURSE  
22 DISTORTION  
22 PUMP  
22 DAMAGED  
22 LIFTING  
22 BY  
22 PACKING  
22 TUBE  
22 CORP  
22 LOW  
22 NEW  
22 VIII  
22 CUTTING  
22 HOOD  
22 PERFORM  
22 WELD  
22 GASKET  
22 LIGHT  
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22 CAUTION  
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22 LOADER  
22 WEAR  
22 COMPLETE  
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22 TORQUE  
22 DAMAGE  
22 DE  
22 HOIST  
22 TON  
22 GASKETS  
22 REASSEMBLE  
22 DEVICE  
22 ROD  
22 COAT  
22 RING  
22 VEHICLE  
22 DEPRICK  
22 MACHINE  
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22 COMPOUND  
22 HYDRAULIC  
22 LINK  
22 ROCKER  
22 NOCDEI  
22 J-VEY  
22 FOLLOWING  
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22 NAME  
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22 ROAD  
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22 FIELD  
22 MOUNT  
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22 BETWEEN  
22 CCNDFC  
22 III  
22 ACT  
22 SEALANT  
22 WCRN  
22 DEC  
22 LIFT  
22 VAN-JUAL  
22 PCM  
22 SECURE  
22 TCP  
22 VEHICLES  
22 XI  
22 BOX

3	BUTT	3	CARE	3	CENTER	3	COUPLING
3	COVERS	3	CUT	3	DEPOSITS	3	DISTANCE
3	EXCESSIVE	3	EXTERIOR	3	FUEL	3	GAUGE
3	GOGGLES	3	HARDWARE	3	HOT	3	HUNTER-WARCO
3	LINE/SLEEVE	3	LINKAGE	3	MADE	3	MAINT
3	MARKS	3	MECHANICAL	3	MILITARY	3	MINIMUM
3	OVER	3	PAN	3	PUSH	3	PUT
3	RAT	3	ROTOR	3	REAR	3	REMOVING
3	ROLLER	3	SOFT	3	SEAT	3	SELECT
3	SOCKET	3	TOLEANCES	3	TEETH	3	TIGHTEN
3	TOLEFANCE	3	XVII	3	TOOLS	3	TORCH
3	WATER	3	BURR	3	BALANCE	3	VALVE
2	BOTH	2	CESSIVE	2	FUSINGS	2	CAL
2	CAREFUL	2	COUNTERSORE	2	CONSTRUCTION	2	COOLING
2	CORRECT	2	DITCHING	2	D-7	2	CINCH
2	DISPATCH	2	FOFION	2	DOCKS	2	DOWEL
2	EQUIPPED	2	HAMMER	2	EXHAUST	2	FABRICATED
2	FELT	2	HOLES	2	FULL-TRACKED	2	GAUGE
2	GIRE	2	KEROSENE	2	HEATING	2	HEAVY
2	HIGH	2	LOW-SPEED	2	HOSE	2	HCSFS
2	JUNK	2	MOISTURE	2	LAPPING	2	LEADS
2	LOCKWASHERS	2	OUTLET	2	MACHINED	2	MEDIUM
2	NUIS	2	PILLOT	2	MOVE	2	NUT
2	PANEL	2	PULL	2	OXYGEN	2	PISTONS
2	POST	2	ROPE	2	PIPE	2	REMAINING
2	RIDGE	2	SECURING	2	REARER	2	RECTERS
2	SEAL	2	SETUP	2	ROTATING	2	SEPARATOR
2	SERVICEABLE	2	SION	2	SEPARATE	2	SIGN
2	SIGNS	2	TION	2	SIDE	2	SUNU-5202
2	TIG	2	TURBOCHARGER	2	SUCK	2	TIRE
2	TURED	2	WARPAGE	2	TIP	2	UFG-00215
2	VALUES	2	WITHOUT	2	TURN	2	WINCH
2	WIRES	2	BACK	2	WELDER	1	# G
1	WLF	1	BATH	1	WORKING	1	BALLS
1	W/R	1	REHIND	1	BALL	1	BECCVE
1	BEFORE-OPERATION	1	BOYCH	1	BEARING/BALANCE	1	BENT
1	BELTS/SCREWS	1	BUTT-WELD	1	BLING	1	BURNT
1	BUSHING	1	CAGE	1	BUMPING	1	CABLE
1	CADLES	1	CASE	1	BYPASS	1	CAMP/PT/BALANCE
1	CANAL	1	CERTAIN	1	CAGES	1	CATIONS
1	COLLAR	1	COLLARS	1	CESS	1	CCILS
1	CONJECT	1	CONROLS	1	COLUMN	1	CONCATION
1	CORRECT	1	COLTER	1	COVERESSED	1	CON
1	COUPLING/	1	COUPLINGS	1	CONVERTER	1	COUNTERWEIGHTS
1	CUTS	1	CONDITIONS	1	COUNTERCLOCKWISE	1	CURRENT
1	DEPTH	1	DEVICES	1	COVER/FLYWHEEL	1	DEEPE
1	DIFFERENCE	1	DIMENSIONS	1	DIAMETERS	1	DIAPOHONS
				1	DIPECT	1	DIRECTIONS

**WORD FREQUENCY DISTRIBUTION**  
**FREQUENCY/WORD**

**FREQUENCY / WORD**

[illegible]

DIS.	IONS
1	EITHER
1	EXTREME
1	FICIAL
1	FILL
<hr/>	
1	GAS
1	GUIDES
1	HAND
1	HUGH
1	LAF
2	LEVEL
2	LINE
1	LIS-CHALMERS
2	LOCKNUT
1	MACHINE'S
<hr/>	
1	NATCH
1	MEASURED
1	MILL
1	MOVES
1	NOTED
1	PAIR
1	PARKSONS
1	PERFORMANCE
1	PIPES
1	PORTATION
1	PULLER
1	R-IN
1	RECCEL
1	RELIEVE
1	RESERVOIRS
1	ROTATION
2	RUPRO
1	SSEMBLY
1	SETTING
1	SOLL-RAND
<hr/>	
1	STAK
1	TAP
1	TENANCE
1	TESTING
1	TIRTS
1	TOS
1	TUF-
1	VARY
1	WEIGHT
1	XIX
1	XXII

1	DO	COUPEENT
1	FAT	
1	FAYURE	
1	FUSICH	
1	GEARS/BALANCE	
1	W-SUCH	
1	HAS	
1	HGUSTINGS	
1	LAY	
1	LINCS/SLEEVES	
1	LOGIC	
1	LONG	
1	MANY	
1	MATERIAL	
1	MEASUREMENTS	
1	MILLING	
1	MOVING	
1	NUMERICAL	
1	PANELS	
1	PIN	
1	PITS	
1	POSITION	
1	PUMPS	
1	REAJUST	
1	REFILL	
1	REMOVES	
1	RETAINING	
1	ROUGH	
1	RUN	
1	SEQUENCE	
1	SILFACER	
1	SORT	
1	SURE	
1	TAGS	
1	TEC	
1	TENSION	
1	TIGHT	
1	TCC	
1	TCHARD	
1	THANE	
1	VAY	
1	WELOED	
1	XVIII	
1	XXVII	

HEADQUARTERS

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

DATA CONTROL NUMBER

Job No / Proj No

WCA  
DCI



62 B 542  
Add.

# WORD FREQUENCY DISTRIBUTION

382 UNUSUAL WORDS

628 SK. 2

34254 RECORDS

1 H21041E J # 3

1 A  
1 NOLE  
1 ABOVE

1 AC- J  
3 ACCESS  
2 ACCIDENTS  
8 ACCORDANCE  
1 ACCORDING

3 ACYVALENE  
13 ACTIONS  
2 ROXTER  
2 COMPIERS  
1 ADD

12 ADJUST  
1 ADJUSTED  
1 ADJUSTED  
1 ADJUSTERS  
5 ADJUSTING

2 ADJUSTMENT  
3 ADJUSTMENTS  
1 ADJUSTMENTS/MEASUREMENTS  
17 ADMINISTRATION  
3 AFTER

1 AGENT  
1 AGES  
3 ALIGN  
2 ALIGNED  
4 ALIGNMENT

75 ALL  
1 ALLIF  
1 ALLIS- J  
11 ALLIS-COULPERS  
1 ALLS

0 AMERIC/H  
11 A  
375 AND  
1 AND/OR  
17 ANNOTATE

1 ANTI-EXTRA- J  
17 ANY  
2 ANYWAYS  
21 APPLICABLE  
2 APPLICATION

1 APPR-J  
1 APPROPRIATE  
1 APPROVED  
3 AFACR

2 ARC  
8 ARE  
1 ASENT  
4 CFM  
2 ARMS

13 APMY  
1 AROUND  
27 AS  
1 ADFS-J  
12 ASULT

6 ASSEMBLE  
29 ASSEMBLY  
2 A  
1 ATE  
1 ATING

6 ATTACH  
1 ATTACHED  
3 ATTACHING  
1 AWAY  
71 B

8 BC-FMC-1  
2 BLADES  
1 BLESS  
3 BLOCK  
3 BLOCKS

2 BLCMGMN  
8 BLCNER  
1 BLUE  
1 BLY  
3 BRACKET

2 BREAKS  
1 BREAHER  
13 BRIDGE/FERRY  
1 BUCKEN  
1 BRUSH

57 C  
5 CFM  
11 CM-1M  
3 CM-1MPS  
1 CHANTICO

SALES

CLUTCH  
CLUTCHES  
CLUTCHING  
CLUTCHES  
CLUTCHES

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1.10.17  
1.10.17  
31.10.17  
31.10.17



1 EXPOSED

2 HP-J

15 CND

1 CND

1 ENG-3

1 ENGAGE

51 ENGINE

3 ENGINEER

3 ENIGMA

1 ENSURE

3 BRAL

1 CRYSTIC

26 F

2 FLAME

1 FLANGE

1 FLANGES

1 FLAT

1 FLEET

11 FLEETING

1 FLOOD

1 FLY-J

2 FLYWHEEL

2 FM

3 FMC

1 FPM

1 FPMK

2 FUEL

24 FUCH

3 FUR

21 G

3 GLOVES

7 GPCR

1 GRESE

1 GRINDER

1 GRCTVE

2 GROVES

1 GROUND

1 GROUP

7 H

1 HOC

10 I

1 ICE

1 IOL

1 IOL

1 IF

ILLUS- J

ILLUSTRATED

TYPEFILLER

INMPER

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IN- J

INCHES

INDICATION

INDICATOR

INDUSTRIAL

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INSTRUMENT- R.M.D

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INSERT

IN- J

INSTRUMENT- J

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1 OLD

29 CH

4 ONF

1 ONTC

3 OPENING

1 OPENINGS

1 OPENING

1 OPENING

1 OPENING

1 OPENING

16 OPERATIVE

3 OPERATORS

1 OPPOSITE

54 31

25 OLD

18 ORDER

24 ORGANIZATIONAL

1 ORIGINAL

25 OTHER

111 P

2 PLAC

6 PLATE

9 PLATES

2 PLAY

2 PLUG

1 PLUGS

2 PNEUMATIC

15 PP

3 PRECAUTIONS

3 PREPARED

1 PRELIMINARY

4 PREPARATION

7 PREPARE

10 PRESS

6 PRESSURE

1 PREVIOUSLY

1 PRIMATE

5 PRINCIPLES

1 PRINC

26 PROCEDURES

11 PROFER

1 PROTECT

1 PPV

4 PSI

1 2-22

1 SCAPS

# SCOMP

## SCOMP-TYPE

1 SCULP  
1 SCULP  
5 SCULP

1 SCULP  
2 SCULP  
2 SCULP  
3 SCULP  
6 SCULP

1 SCULP/ROTS  
18 SCULP  
2 SCULP  
2 SCULP  
9 SCULP

1 SHIELD  
1 SHIELD  
2 SHIELD  
2 SHIELD  
4 SHIELD

1 SHUTDOWN  
1 SKIRT  
3 SLACK  
1 SLUG  
3 SLAVE

4 SLEEVE/LINER  
1 SLEEVES  
1 SLEEVES/LINER  
1 SLEEVES/LINERS  
1 SLICE

1 SLIGHTLY  
4 SLING  
2 SN/FRING  
1 SNUGLY  
1 SPECIAL

1 SPECIFICA- J  
2 SPECIFICATION  
23 SPECIFICATIONS  
4 SPECIFIED  
10 SPEC

1 SPIKOLE  
5 SP/ING  
1 SP/ING  
2 SP/ING  
2 SP/ING

1 STANDARD  
16 STANDARDS  
1 STANDOUT  
4 STANT  
1 STARTER

2 STATED  
5 STEFL  
15 STEERING  
2 STCF  
1- STEELIGHT-HEAD

1 STROKE  
1 STIPPED  
3 STUD  
1 STUCS  
1 T8

2 TNA  
154 THE  
1 THEP  
1 THECRY  
1 THERMAL

1 THERMO-SWITCH  
1 THEY  
1 THICKNESS  
1 THC-J  
5 THOCUGHLY

1 THEPID  
1 THEPEDED  
8 THEPEDS  
1 THROTTLE  
1 THROUGH

18 THRU  
5 THPUST  
17 T  
3 TRACK  
9 TRACKED

27 TRACTOR  
1 TRANK-J  
2 TRANSMISSION  
1 TRANSPORTABLE  
12 TRANSPORTER

1 TRATED  
1 TRAVEL  
1 TROUBLESHOOTING  
2 TRUCK  
1 TWEED

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5	TWC
2	JNDK
3	UNIT
1	UNLUPDR
1	UNACUTED
4	UNTIL
1	UP
3	UPPER
20	USV
1	USED
3	USING
6	V
21	WHEPL
28	WHFLED
2	WHEFLS
5	WHEN
1	WHILE
0	WHICH
1	WATST
12	X

DATE 09262 2011  
FREQUENCY/WORD

WORD FREQUENCY DISTRIBUTION  
FREQUENCY/WORD

FREQUENCY/WORD

196	INC	154	THE	111	P	110	IN
197	TA	69	CAP	67	A	75	ALL
198	TA	67	C	63	OF	55	FM
199	UL	51	D	51	ENGINE	40	INSPECT
200	INTELL	37	F	29	ASSEMBLY	29	CH
201	...	27	TRAYTOR	20	F	26	PROCEDURES
202	...	25	CRACKS	25	END	25	APPLIED
203	...	24	CRACKS	23	SPECIFICATIONS	21	APPLICABLE
204	...	21	WHEEL	20	CHECK	20	OTHER
205	...	19	OPERATOR	18	ORDER	18	SCOP
206	...	18	TIKU	17	ADMINISTRATION	17	ANNOUNCE
207	...	16	CLEAN	16	INDUSTRIAL	16	STANDARDS
208	...	15	CONE	15	DRIVE	15	PP
209	...	14	ACTIVIS	13	CRUISE/FERRY	12	ADJUST
210	...	12	TRANSPORTER	12	X	11	ALLIS-CHALMERS
211	...	11	CHAIN	11	FLOATING	11	PROPER
212	...	10	CHIPS	10	END	10	I
213	...	9	PLAYES	9	SPEED	9	CRANKSHAFT
214	...	8	ARE	8	TRUCKED	8	ACCIDENT
215	...	8	DIV	8	BF-FX-1	8	BLACK
216	...	7	SHELLS	7	ITEM	7	FMC
217	...	6	ATTACH	6	CLEARANCE	6	DRIVEN
218	...	6	SCREEN	6	V	6	PREPARE
219	...	5	ADJUSTING	5	CFM	5	OPERATION
220	...	5	INSEROLL-RAND	5	INSTALLATION	5	WATER
221	...	5	PRINCIPLES	5	SCORING	5	CRAIN
222	...	5	THOROUGHLY	5	THRUST	5	INSTALLING
223	...	4	ALIGNMENT	4	ARM	4	SPRING
224	...	4	DYK	4	IMPELLER	4	TWO
225	...	4	INSURE	4	IS	4	CR-500
226	...	4	PSI	4	SHEGDS	4	ING
227	...	4	START	4	UNITIL	4	CNE
228	...	3	AFTER	3	ALIGN	4	SLEEVE/LINER
229	...	3	BLOCKS	3	BLACKET	3	ACETYLENE
230	...	3	CLEANER	3	CLOCKING	3	ARMOR
231	...	3	CUSHES	3	REAL	3	CHILMERS
232	...	3	ICLER	3	INSIDE	3	ELECTRIC
233	...	3	KNOWN	3	OPENING	3	FRONT
234	...	3	PERFORMED	3	SCREENS	3	INSTALLER
235	...	3	SPECIFIED	3	STUC	3	OPERATORS
236	...	3	UNIT	3	UNIT	3	SLACK
237	...	2	ADAPTER	2	ADAPTERS	3	TECHRY
238	...	2	ANYTHING	2	APPLICATION	3	USING
239	...	2	AT	2	BLADES	2	ADJUSTMENT
240	...	2	CNOMETER	2	C53 A	2	ARC
241	...	2	EDGE FRIC	2	ELECTRICAL	2	BLOWDOWN
242	...	2	FLYWHEEL	2	FREELY	2	CRANKER
243	...	2	TICKED	2	INTAKE	2	CR-J
244	...	2	...	2	...	2	GROOVES
245	...	2	...	2	...	2	INTC

261





# HEADQUARTERS

DATA CONTROL NUMBER

100 NO / PROJECT NO

## UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

WCA

OCT 22 1990



ENY

62B 562

PREPARED BY: OPERATIONS DIV, DPFO

ATDP FORM 109 September 1989, Jul 93, which is obsolete

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# SEQUENTIAL DATA MANAGER

MOS 62B SKIU 2  
PAGE NO 2 TYPE RECORD BYTES

3 CALIBRATE  
3 CONVERTOR  
3 DEVICES  
2 DIAPENSIGMS  
3 DIAPHPAGH  
2 MATERIEL  
2 TURBUCHAGER  
2 V-PACKING

MASTER READ 2362  
LRECL 32  
BLKSIZE 3136

TRANS READ  
LRECL  
BLKSIZE

72  
80  
8000

UPDATED RECORDS 193  
LRECL 32  
BLKSIZE 3136

TRN 80  
TRN 80  
TRN 80  
TRN 60  
TRN 80  
TRN 80  
TRN 80  
TRN 80



3	CONJUG	62.14
3	WENCH	4.2
3	WRES	62.2
4	DEFECTIVE	62.11
4	CONEL	62.2
4	FABRICATED	62.2
4	FAULTS	62.1
4	FORCING	62.1
4	HARDWARE	62.3
4	SURFACES	62.4
4	TEC	62.1
4	TENSION	62.1
4	TIMING	62.4
4	TOLERANCES	62.3
4	VENT	62.1
5	SOT	237.2 62.1 4.13

266

Addit wca

HEADQUARTERS

DATA CONTROL NUMBER

100 00 / PROJECT NO

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

wca

JAN 9 1981

DLI



WORD CRIT- MOS-62B  
Skill Level- 2

Addit wca

PREPARED BY: OPERATIONS DIV. DPFO

ATDP FORM 109 September 1964, Jul 75, when in effect

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[illegible]

WDS WORD LIST BY PAGE

DATE 81C06 1736 PAGE 5

5 JNAIN  
5 SCMP

4.1  
390.15 90.1 36.1 4.1

## APPENDIX 8

### ENGLISH LANGUAGE STRUCTURES AND LEXICON

The following list is included as an addition to the structural and lexical list. These structures and lexical items are very basic.

(See Section II for discussion.)

## LIST OF LEXICAL AND STRUCTURAL ITEMS FOR ENGLISH LANGUAGE STRUCTURES

### Sentences:

- |                  |                         |
|------------------|-------------------------|
| A. Declarative   | statement               |
| B. Interrogative | question                |
|                  | 1. wh- questions        |
|                  | 2. tag questions        |
|                  | 3. yes/no questions     |
| C. Imperative    | command, polite request |
| D. Exclamatory   | exclamation             |

### Sentence Complexity:

- |                     |   |
|---------------------|---|
| A. Simple           | one full subject and predicate                                    |
| B. Compound         | two or more independent clauses joined by:                        |
|                     | 1. punctuation  |
|                     | 2. punctuation and conjunctive adverb                             |
|                     | 3. coordinate conjunction   |
| C. Complex          | one or more dependent clauses and an independent clause           |
| D. Compound-Complex | two or more independent clauses and one or more dependent clauses |

### Verbs:

- |                            |   |
|----------------------------|---|
| A. Concord                 | subject-verb agreement  |
| B. Transitive              | takes an object   |
| C. Intransitive            | doesn't take an object  |
| D. Copula                  | to be   |
| E. Linking                 | connectors  |
| F. Auxiliaries of tense    | will, do, did   |
| G. Auxiliaries of modality | should, ought to, must to, have to, have got to, able to, can, may, might, could, would |
| H. Tense                   | present, past   |
| I. Aspect                  | perfect, progressive  |

### Verbal Forms:

- |                       |               |
|-----------------------|---------------|
| A. Present Participle | active voice  |
| B. Past Participle    | passive voice |

### Voice:

- |            |                            |
|------------|----------------------------|
| A. Active  | subject does action        |
| B. Passive | subject does not do action |
|            | 1. agent expressed         |
|            | 2. agent not expressed     |

**Nouns:**

- |               |           |
|---------------|-----------|
| A. Singular   | man, pen  |
| B. Plural     | men, pens |
| C. Count      | chairs    |
| D. Mass       | flour     |
| E. Possessive | soldier's |
| F. Collective | fish      |

**Adjectives:**

- |                             |                           |
|-----------------------------|---------------------------|
| A. Predicative              | The tank is green.        |
| B. Attributive              | The green tank is moving. |
| C. Degrees of comparison    |                           |
| 1. regular                  | big, bigger               |
| 2. irregular                | worse, worst              |
| D. Ordinal/Cardinal Numbers | first, one                |

**Adverbs:**

- |                   |                         |
|-------------------|-------------------------|
| A. Time/Frequency | immediately, today, ago |
| B. Place/Position | here, there, everywhere |
| C. Manner         | maybe, possibly         |
| D. Negative       | no, never               |
| E. Comparison of  | nearest, harder         |
| F. Degree         | thoroughly, completely  |

**Articles:**

- |               |           |
|---------------|-----------|
| A. Definite   | a, the    |
| B. Indefinite | any, some |

**Pronouns:**

- |                  |                     |
|------------------|---------------------|
| A. Personal      | you                 |
| B. Demonstrative | that                |
| C. Indefinite    | anybody, both, each |
| D. Reflexive     | himself, yourself   |
| E. Cases of      | I, me, my, mine     |
| F. Relative      | who, whom, whose    |
| G. Interrogative | who, which, what    |

**Conjunctions:**

- |                       |                              |
|-----------------------|------------------------------|
| A. Coordinating       | and, but, or, nor            |
| B. Subordinating      | because, if, as, that, after |
| C. Correlative        | either, or                   |
| D. Conjunctive adverb | therefore, furthermore       |

**Prepositions:**

**A. Simple**

1. place
2. time
3. direction/motion
4. manner/agent/  
instrument
5. measurement/  
number amount

on, in  
in, at, on  
to

by, with

of

**B. Compound:**

according to, because of, by means

**Vocabulary:**

words from 1100 through 2400 -  
Elementary and Intermediate Phase of General  
English materials

**Special Expressions/Idioms**

"knock it off" "can it, buddy"

**Verb Combinations**

two word verbs